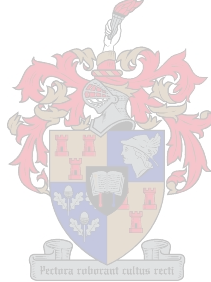


An Analysis of the Skills and Tactics of Wheelchair Rugby

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Declaration

I, the undersigned, hereby declare that the work contained in this thesis is my own original work, and that I have not previously in its entirety or in part, submitted it to any university for a degree.

Signature

Date

Abstract

The purpose of this study was to determine what skills and tactics distinguish local level competition from top level competition in wheelchair rugby, through the use of games analysis. Eighteen games were filmed and analysed at three different levels of competition (local club level, regional level and international level). A five-level category set was developed to generate statistics related to successful and unsuccessful performance..

Results revealed that games play at local club and regional level in South Africa were dominated by turnovers and poor ball handling skills. Wheelchair mobility also was a factor in unsuccessful play. Basic tactical play, especially on defense, was also a major cause for concern at these levels.

The difference between the South African national team and three other top international teams was not the distribution of reasons for success, but rather the frequency of success rate. South Africa was successful only 45% of the time in their performance of skills while international teams were successful 77% of the time.

It was evident in this study that the standard of play in the local club and regional level in South Africa reflects on their international performance. Ball possession is frequently lost to poor passing and poor wheelchair mobility. Turnovers are more often the result of poor passing by the opponents, rather than good defense. Successful goal inbounds and side inbounds plays are too often the result of poor defense rather than good offensive play. This study demonstrates that games analysis can be a helpful tool in determining the reasons for success and lack of success during wheelchair rugby.

Opsomming

Die doel van die studie was om deur middel van die ontleding van rolstoelrugbywedstryde te bepaal watter taktieke en vaardighede in klub- en topvlakkompetisie onderskei kan word. Agtien wedstryde is op drie verskillende kompetisievlakke (klub-, streek- en internasionale vlak) verfilm en ontleed. 'n Vyfvlak kategoriestelsel is ontwerp om die suksesvlak, al dan nie, statisties in al drie kompetisievlakke aan te dui.

Die resultate dui dat wedstryde op klub- en streeksvlak deur swak balhantering en verlies van balbesit (*turnovers*) gekenmerk word. Onvoldoende vaardigheid in rolstoelmobiliteit en tekorkominge in die taktiek van basies verdedigende spel was ook bydraende faktore.

Die verskil tussen die Suid-Afrikaanse rolstoelrugbyspan en drie ander top internasionale spanne, was nie soseer verskillende oorsake vir onsuksesvolle spel nie, maar eerder die mate (hoeveelheid) sukses wat behaal is deur vaardige en taktiese spel. Die Suid-Afrikaans span was slegs 45% suksesvol in hul vaardighedsuitvoering, terwyl die internasionale spanne 'n 77% suksessyfer behaal het.

Die studie dui verder aan dat die spelstandaarde wat op klub- en streeksvlak gehandhaaf word, neerslag vind in die Suid-Afrikaanse nasionale span. Hier word balbesit dikwels verloor as gevolg van swak aangeë en swak rolstoelbeweeglikheid. Die verkryging van balbesit (*turnovers*) is meer dikwels as gevolg van swakbalhantering (aangeë) deur die opponenete as goeie verdediging deur die Suid-Afrikaanse span. Suksesvolle afgooie na die aanteken van 'n doel, asook suksesvolle kant-ingooie, is eerder die resultaat van swak verdediging deur die opponente as goeie aanvallende spel. Die studie bewys dat die verfilming en ontleding van wedstryde, 'n waardevolle hulpmiddel kan wees vir bepaling van redes vir sukses, aldan nie, in rolstoelrugby.

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Chapter One

Setting the Problem

Prior to the late 1900's, physical activity for persons with disabilities was seen as medically orientated and preventative. Persons with disabilities were not considered athletes, but patients involved in athletic events (Shephard, 1990). Participation in sporting activities is now recognized as having both recreational and competitive value. The benefits of sport participation include improved motor skills useful in everyday life, improved social skills and improved self-esteem (Bazylewicz, 2006). All these benefits are the same as what an able-bodied person would experience with participation in sport.

One sport that offers such positive benefits for persons with disabilities is wheelchair rugby. Wheelchair rugby was developed in Canada in the late 1970's by two athletes with quadriplegia and a professor at Manitoba University (Graham, 2000). Rules for the game were adapted from rugby, volleyball, basketball, hockey and American football in order to create the only team sport for persons with quadriplegia (Zbieranowski, 2005). Originally called "murderball" because of the aggressive nature of the game, potential sponsors did not want to be associated with a violent image. In 1982, the name became "wheelchair rugby" (Zbieranowski, 2005).

Wheelchair rugby is not only played by quadriplegics with spinal cord injuries, but also by those with muscular dystrophy, cerebral palsy, polio, amputees and other disabilities which are classifiable as quadriplegia (Yilla & Sherrill, 1994). It was accepted as a demonstration sport at the Atlanta 1995 Paralympic Games and as a medal sport in the Sydney 2000 Paralympic Games (Zbieranowski, 2005). At present there are more than 22 countries officially participating in the sport, with South Africa being one of the official participants (Zbieranowski, 2005).

Wheelchair rugby is a rapidly growing wheelchair sport and one of the few sports appropriate for people with movement problems in all four extremities (Adrian, McKenzie & Miyahara, 2001). Wheelchair rugby is a very competitive and exciting sport played by both males and females requiring the players to be conditioned well physically and mentally. Speed and chair mobility skills combined with tactics and strategies are an integral part of the game. However, there is a need for scientific support for coaches and

players in wheelchair rugby. There has been some recent research on classification in wheelchair rugby and how it influences performance:

- Altmann, Hart and Parkinson (2005).
- Schreiner and Strohkendl (2005).
- Molik, Morgulec, Bebenek and Kosmol (2005).
- Hart (2005).

There also have been studies on wheelchair rugby skills:

- Yilla and Sherrill (1994).
- Adrian, Mckenzie and Miyahara (2001).
- Malone and Orr (2006).

However, no formal studies could be found that were published on what is called “performance analysis” in wheelchair rugby. Performance analysts are concerned with the analysis and improvement of sport performance, specifically focusing on team and match play sports whilst studying the interactions between players and movements as well as the behaviours of individual team members (Hughes & Bartlett, 2002). The classification study by Molik *et al.* (2005) did analyze 63 games in terms of how players in the different classes were able to execute selected technical and tactical skills. However, discovering patterns of play within the games was not their focus, but rather looking at the differences in performance by players from different classes. To date there is limited research on notational analysis in wheelchair sport. Bloxham, Bell, Bhambhani and Steadward (2001) conducted a study on time-motion analysis and physiological profiles of wheelchair basketball players.

Performance Analysis

The formal and systematic analysis of movement performance had its scientific beginnings in the development of movement notation systems developed primarily in the field of expressive movement and dance (Hughes & Franks, 1997). Called “notational analysis,” these efforts were intended to provide a factual record of exactly what happened during movement performance. Because dance notation systems were developed before videotape recording became so easy and cost effective, they were elaborate hand-written

systems where movements were coded onto complex charts. They became a written record of a dance. As technology made it more and more possible not only to video record movement activities, but also to electronically code the movements into categories, the possibility for the systematic analysis of games/sports became feasible (Hughes & Franks, 1997). Commonly called “games analysis,” this approach to looking at game play is now recognized as a valuable tool for improving game performance, as long as the data collection methods used are reliable and objective and the system for categorising meaningful events is appropriate for the level of game play (Carling, Williams & Reilly, 2005).

The development of the biomechanical analysis of movement performance initially occurred parallel to the development of notational and games analysis. However, since much of the technology, research methods and the ultimate aim of all three forms are similar, it is common to refer to all three fields as “performance analysis.” Performance analysis has been identified as a growing area of specialisation in Sports Science that enhances our knowledge of the demands of sport at all levels (Bishop, 2006). The five main uses of performance analysis were identified by Gasston and Simpson (2004):

1. Analysis of technique.
2. Movement analysis.
3. Performance modeling.
4. Tactical analysis.
5. Coach and player education.

These five uses reflect two different purposes for performance analysis: biomechanical analysis and games analysis (Bartlett, 2006). Biomechanical analysis includes the analysis of technique, movement and performance modeling. Biomechanists typically examine in detail the skill performance of an individual in terms of the interaction among his/her anatomical characteristics, principles of physics and the mechanics of body movement (Bartlett, 2006). Games analysis is focused on tactical analysis. Games analysts are interested in describing movement patterns during game play, with special application to examining strategies and tactics used by individuals and/or teams (Bartlett, 2006). Both biomechanists and games analysts look for ways to optimize feedback to the

performer and coach to improve performance through coach and player education (Hughes & Bartlett, 2002). This study is specifically limited to games analysis.

The process of games analysis

Game analysis refers to the objective recording and examination of events during competition or game play during practice sessions. It may be focused on the activity of one player, the integration of actions and movements of players around the ball, and/or entire teams (Williams & Reilly, 2005). Due to large numbers of interacting variables in any one game, the analysis of team sports in particular can become quite complex (Hughes & Franks, 1997; Franks & Goodman, 1986). Given the continuous nature of many team games (i.e. invasion game-types and net game-types), the relative importance of many events can be determined only after a critical outcome occurs (Franks & Goodman, 1986).

For the analysis of any team game to be effective, it is essential to develop a formal system for observing and categorizing the events and patterns of play that characterize that game. Franks and Goodman's (1986) proposed a general modeling for the analysis of team games, that is based on an initial determination about how points or goals are scored or how they are conceded, which is then followed by the consideration of a number of factors (see Figure 1). This flow diagram of the analysis process is quite clumsy and would discourage many coaches. However, the logic is straightforward and if an analysis system is developed that works, coaches quickly become accustomed to it. For example, in the Franks and Goodman (1986) model, the entire left hand half is devoted to dealing with the technical requirements of a system:

- Can the system collect data efficiently?
- Does the system provide storage of sequentially timed events?
- Will the system tabulate data hierarchically with reference to priorities?

The diagram begins with the commitment to look at scoring events (both scored and conceded), then the capacity of the system to model game performance is challenged:

- Can the system identify common features and trends in performance?
- Does the system allow for comparison of performance in order to detect key factors that influence results?
- Does the system provide for mapping video-taped data?

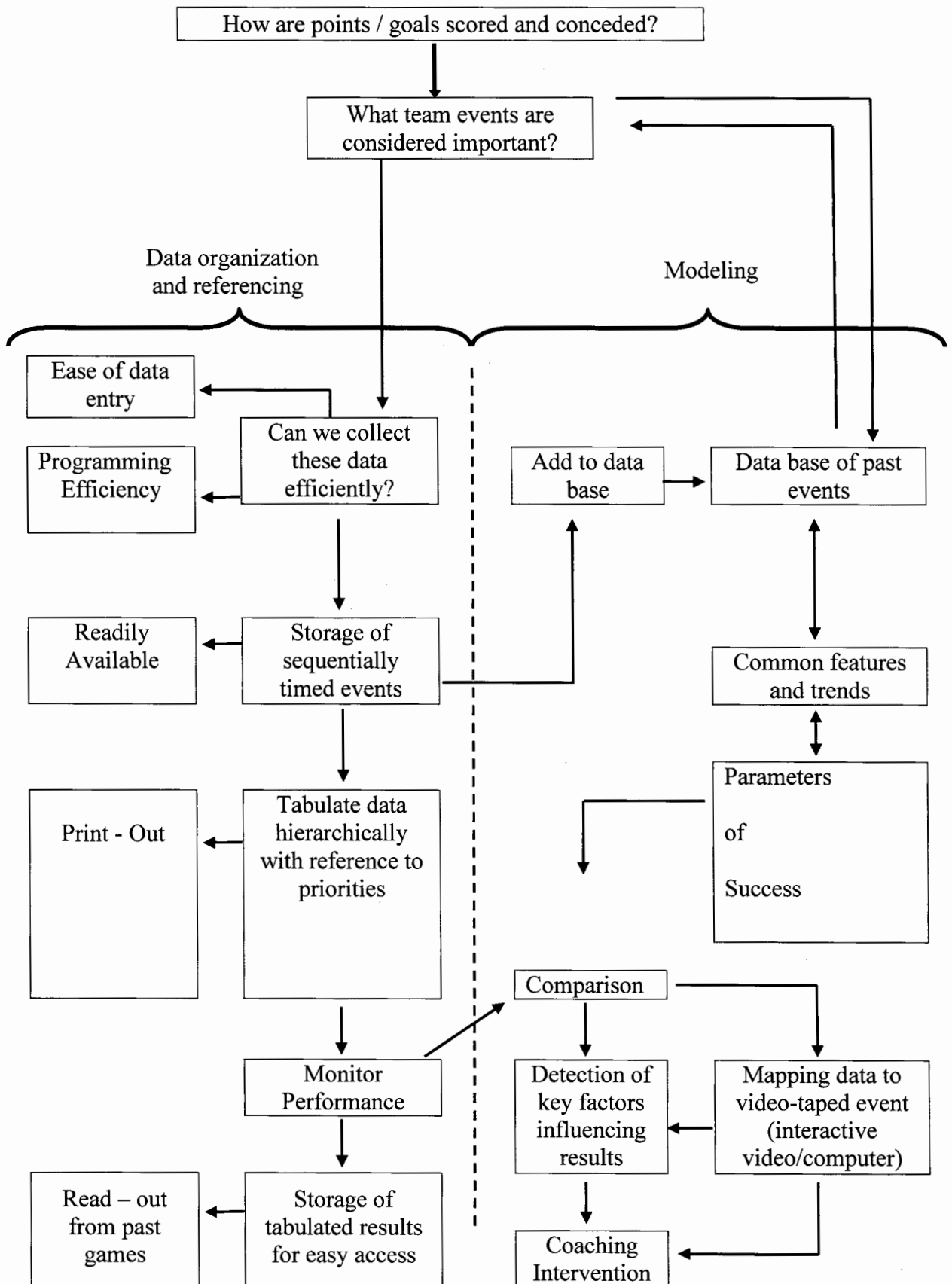


Figure 1. A flow diagram describing a systematic approach to the analysis of a team sport (Franks & Goodman, 1986:51).

Hughes & Franks (1997) stated that creating a flowchart or logical structure is the first step to games analysis. A logical structure involves defining possible actions in the game and linking those actions with possible outcomes. Depending on the purpose of the analysis, the identification of the player and his/her position can be important for understanding the actions in a game. For example, when analyzing the attacking patterns of a team, it would not be necessary to note the players' identities, but rather their position on the pitch, the actions they take and the outcomes of those outcomes. When analysis is for a different purpose, a different structure is used to analyse the game. For example, when examining the work rate of a player, his/her identity, position, position on the pitch, actions taken and time of actions (duration and intensity), might provide the structure of the analysis (Hughes & Franks, 1997). The identification of an appropriate structure is called the development of a category set. A category set consists of the identification of performance indicators.

Performance indicators

According to Hughes and Bartlett (2002), a performance indicator is a critical variable that determines the outcome of performance. In order for a performance indicator to be useful, it should be a key to successful performance. Examples of indicators for scoring include goals, baskets, winners, errors, the ratio of winners to errors and goals to shots, and dismissed rates. Examples of indicators for quality of play include turnovers, tackles, passes, shots per rally and strike rate.

Games analysis focuses on match performance indicators, with special attention to tactical indicators and technical indicators that contributes to understanding the technical and tactical demands of a particular sport (Hughes & Bartlett, 2002). There has been a growing interest in games analysis research. Some studies using performance indicators for games analysis include rugby (Jones, Mellalieu & James, 2004), soccer (Carling *et al.* 2005), squash and badminton (Hughes, Evans & Wells, 2001).

Purpose of the Study

The purpose of this study is to apply the technology of games analysis to wheelchair rugby in order to determine what skills and/or tactics distinguish local level competition from top level competition. This information can help coaches focus on the

skills and tactics that are appropriate at each level, as well as help players strive toward specific skill and tactical improvement in their game play if they want to compete “at the next level.”

As an emerging team sport at the Paralympic and World Championship level, wheelchair rugby deserves the same application of sport science support as any other sport. Through the use of computerized games analysis, differences in tactics and skills specifically of South African wheelchair rugby teams at different levels can be identified. Performances can also be compared to international teams in an attempt to identify those areas that need improvement in order to raise the standard of performance. This study represents a starting point for the use of more scientific means to enhance performance within team sports for persons with disabilities.

Significance of the Study

This study can help establish the contribution that performance analysis (games analysis) can make to coaching wheelchair rugby. The process of coaching during practice sessions and games has been defined in terms of a collection of related processes (see Figure 2).

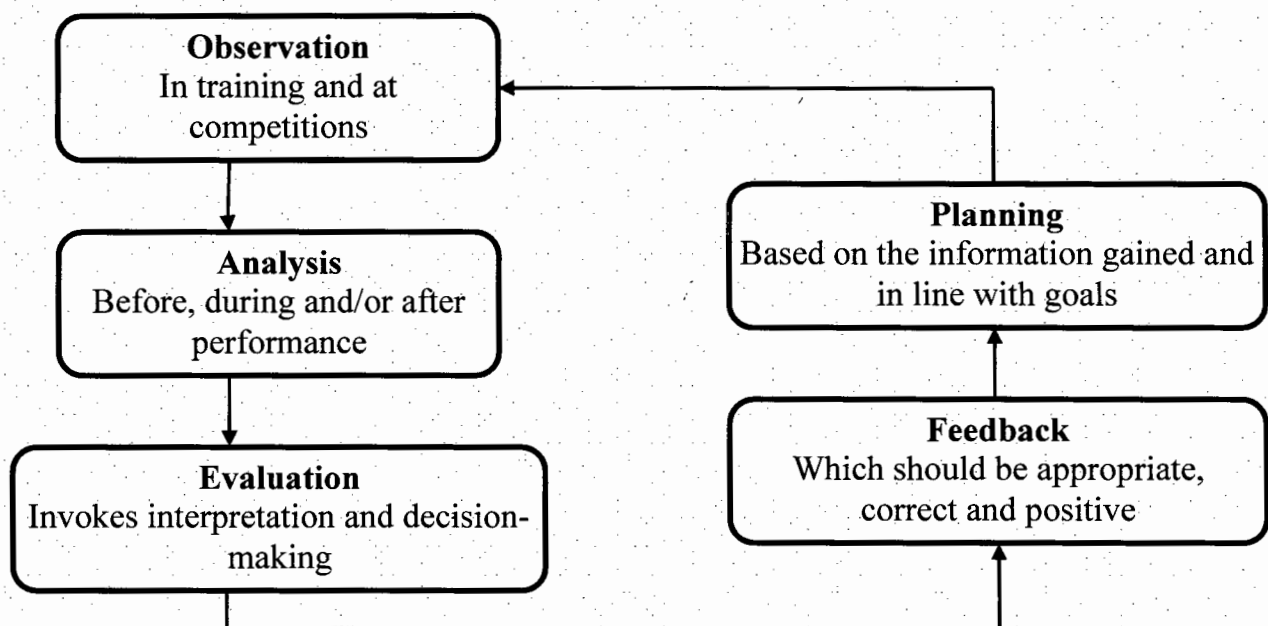


Figure 2. The coaching process (Bishop, 2006).

Games analysis can play a vital role in each aspect of the coaching process. In team games it is difficult if not impossible for a coach to remember all the key events in a practice session or match. Video analysis and video-based technology have been used extensively in providing feedback in sport (Hughes & Bartlett, 2002), although their use to support observation, analysis, evaluation and planning are especially promising regarding information about match play. Studies have shown that memory retention problems affect coaches in their reflections on key performance indicators in matches (Bishop, 2006; Hughes & Franks, 1986). According to Carling *et al.* (2005), there are several factors affecting a coach's recollection of a match:

- Viewing environment – coaches, like spectators, tend to follow the ball and miss off-the-ball information.
- Limitations of human memory – human memory is limited and it is impossible to remember every single action during a match; also, “highlighting” is a problem; coaches only remember the key events of a match, giving them a distorted impression of performance.
- Set views and prejudices – some coaches only see what they want or expect to see.
- Effects of emotions such as stress and anger – these affect concentration and may distort a coach's impression of a match.

Rather than rely on coaches' perceptions about what skills and tactics must be mastered at the top level of wheelchair rugby, this study will attempt to describe how the top teams play. This study also has the potential to generate video material in wheelchair rugby that could be used later for training purposes, perhaps in coaching education or player education. Starkes and Lindley (1994) conducted a study to determine whether the use of video technology or simulations could advance athletes to higher levels of expertise in basketball. Results of the study indicated that structured video training can be a useful tool to regular on-court training in basketball. It was noted that although video training may help the accuracy of decisions made by players, it is most likely to have a large effect on how fast players are able to make decisions. This is found to be more significant among intermediate level players where they have a certain amount of information and background on potential offences and responses and need to make decisions faster.

Feedback enables athletes or sports teams to modify movements or movement patterns to produce optimum performance (Lieberman *et al.* 2002). The use of video or film can clearly aid this, and the introduction of games analysis to wheelchair rugby may promote the use of video technology by coaches. Benefits of using video or film include (Hughes & Franks, 1997).

- The tape can be played back immediately after an event has taken place.
- A video tape can provide information about errors.
- The information on the tape can act as a reinforcement when performance is correct, which makes it a source of positive motivation.

Video analysis has been shown to benefit the most advanced athletes, but research shows that care should be taken when providing this form of feedback to early learners (Hughes & Franks, 1997). An explanation for this could be that there is too much information for the beginner athlete to assimilate; thus challenging the coach to identify key elements of the performance before showing it to their athletes (Hughes & Franks, 1997).

Given the demands on athletes who compete at the top level in any sport, it has become increasingly important for both coaches and players to understand the skills and tactics required from them so that they can apply their understanding in game situations. Hastie (1998) stated that “Not only do players who have more skill execute skills better in the tactics they choose, but they also have more strategies to choose from” (p. 377).

Various studies have been conducted on skills and tactics and the development of expertise in team sports with few being conducted on wheelchair sports, none in particular on wheelchair rugby. This study will utilize games analysis with the use of a computerized notation system to analyze skills and tactics in wheelchair rugby. Results of the analysis will aid coaches and players of South African wheelchair rugby teams in determining which skills are of greatest necessity as well as determining which tactics are most appropriate in accordance with certain situations. In addition, a better understanding of the skills and tactics used in wheelchair rugby will contribute to more efficient decision-making by players and coaches, and ultimately raise the level of performance to that of expert performance.

Research Questions

In order to make a contribution to coaching wheelchair rugby, games analysis must provide information that coaches can use in order to plan more effective practice sessions. In this study, the investigator chose to focus on the identification of the skills and tactics in the game as it is played at different levels, in order to guide coaches in their selection of what skills and tactics need attention at the different levels of play. With this focus in mind, the following three research questions were formulated to guide this study:

1. What are the differences in the distribution of events in games played at three different levels of wheelchair rugby?
2. What are the differences in the reasons for successful and unsuccessful play at three different levels of wheelchair rugby?
3. How does the South African National Wheelchair Rugby Team differ from other international teams in terms of distribution of events and reasons for successful and unsuccessful play?

Methodology

This study will be an example of descriptive research. It will involve the recording of the events and outcomes of 18 wheelchair rugby games and identify factors that are thought to influence these outcomes (Atkinson & Nevill, 2001). Various skills and tactics of wheelchair rugby in South Africa will be observed, described and compared at three different levels of expertise: local club level, provincial level and international level. Focus X2 software will be used to complete a games analysis of each match according to a pre-determined category set of skill and tactical events. This analysis will generate information which then will be used to describe and compare skills and tactics as well as determine obvious reasons for the success or failure of teams at different levels of expertise.

Limitations

The following limitations may have had an impact on the results of this study:

1. The data was collected at club and provincial level involved teams from only one region in South Africa and may not accurately reflect the national situation.
2. The number of international teams analyzed was limited to the Oceania Zone tournament, which included only four countries. This may not be a true reflection of international level competition, although the 2006 World Champion team and the second place team were represented.
3. The games analysis did not account for the classification of the different players. Classification plays a significant role in wheelchair rugby and has been a central issue in many debates surrounding the structure of on-court skill and tactical behaviours.
4. The number of games analyzed at each level was limited to six, which may not be sufficient for the purpose of generalization.

Definitions

Performance Analysis

Performance analysis is about creating a valid and reliable record of performance by means of systematic observations that can be analyzed with a view to facilitating change (Bishop, 2005). Performance analysis usually refers to both biomechanical and notational analysis (games analysis).

Games Analysis

Games analysis specifically applied to sport performance is concerned with identifying critical events, often referred to as 'performance indicators,' in individual or team sports (Hughes & Bartlett, 2002). In this study, games analysis is used as a synonym for notational analysis of games.

Performance Indicators

A performance indicator is a selection, or combination of action variables that aims to define some or all aspects of a performance (Hughes & Bartlett, 2002).

Chapter Two

Review of Literature

Game performance can be conceived to be an interaction between knowledge and skill (Thomas, 1994). Contemporary approaches to games teaching emphasize this interaction (see Figure 3). Hopper & Kruisselbrink (2002) described the theoretical foundations for these approaches in terms of the following common characteristics:

- Technique and tactical focus are linked in games teaching, because they are linked in game performance.
- Neither focus can be sacrificed for the other. Both skill progressions and tactical progressions must be intertwined.
- Although traditional approaches to games teaching emphasized skill learning first, then tactical learning, it has been found that the constraint of tactics in skill learning situations promote better skill retention (e.g. it is more effective to practice trying to hit the tennis ball into the corner in order to move your opponent than it is to practice simply hitting it back over the net).

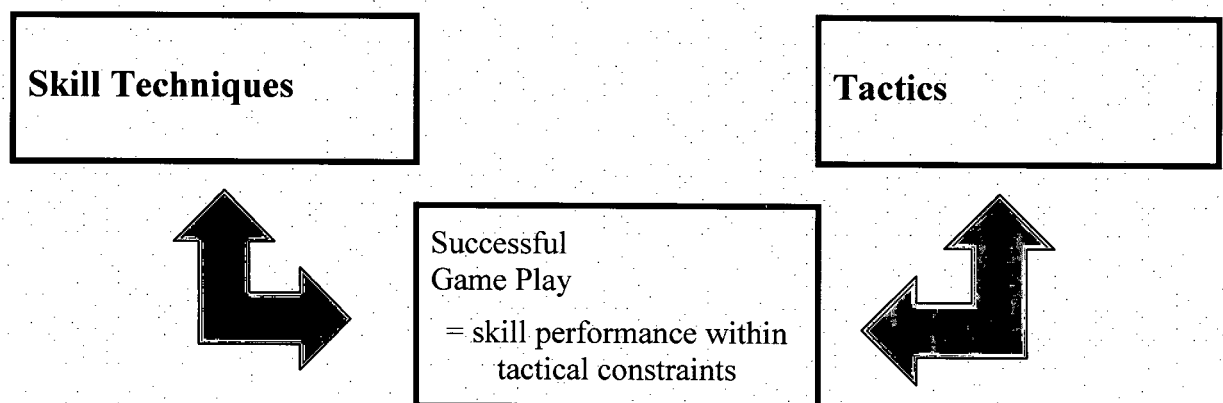


Figure 3. Successful Game Play as a Balance between Skill Techniques Performed within the Tactical Constraints of a Game Situation (Hopper & Kruisselbrink, 2002).

Although the development of skill techniques for a particular sport has been reasonably well defined by coaches, the development of tactical knowledge has not (Lauder, 2001). This may be because there are at least two distinct classifications of

knowledge that have a direct impact on tactical performance in games (Gréhaigne & Godbout, 1995; Thomas 1994; Thomas & Thomas, 1994):

1. Declarative knowledge: a conceptual framework of factual information (e.g. understanding the rules of a sport).
2. Procedural knowledge: a conceptual framework of “if – then” statements that describe what happens in game situations (e.g. understanding what will happen in a sport when certain tactics are implemented).

Nevett, Rovengo and Babiarz (2001) pointed out that “having” these types of knowledge is not sufficient for game performance. They contended that players must develop strong decision-making skills in order to apply their knowledge at the right place and at the right time in a game situation.

According to Thomas (1994), this complementary relationship between skills and tactics is not only true at the beginning levels of sport performance, but also applies to the development of expertise in game performance, which he described as the result of high levels of both knowledge and skill. This would mean that more advanced players not only perform skills better, but they are also able to use their more sophisticated knowledge of the game to use tactics more effectively. Because the purpose of this study was to determine the current level of sophistication in South African wheelchair rugby, it was decided to examine the interaction of skills and tactics (i.e. the performance analysis of actual game play) at three different levels of competition. In order to interpret the results of this examination of game performance, it was necessary to complete a review of literature on the development of expertise in games, strategies and tactics, the nature of wheelchair rugby.

The Development of Expertise

Many different aspects of knowledge, skill and performance must be considered when studying expertise (McPherson, 1994; Thomas & Thomas, 1994). The most common approach to research about expertise has been to focus on expert-novice differences. Expert-novice differences have been summarized by Iglesias, Moreno, Santos-Rosa, Cervello and Del Villar (2005) as follows:

- Experts have a more extensive knowledge base of sport-specific information (expertise and knowledge).
- Experts use their knowledge more efficiently to identify, remember and manipulate relevant information (expertise and information processing).
- Experts are faster, more consistent and have better anticipation skills than novices (expertise and information processing).
- Experts have more insight into, and control over, their own mental processes (expertise and information processing).


Although expertise in game performance is often described in terms of knowledge and information processing, there are many other factors that contribute to the development of expertise, including the amount and quality of sport experiences (Thomas, 1994).

Expertise and knowledge

Experts have been found to differ from non-experts in the amount and type of knowledge they possess and in the way this information is used during sport performance (Williams & Davids, 1995). McPherson (1994) provided a summary of the differences between the knowledge of novices and experts that she found in past research (see Figure 4).

McPherson and Thomas (1989) proposed a model to analyze players' knowledge representations when confronted with hypothetical game situations and during actual game play. In their study to examine boys' development of knowledge structure in tennis,

Figure 4. A summary of the selected differences in knowledge development between novices and experts (McPherson, 1994: 234).

Aspects of Knowledge Development	<i>Novices</i> 	<i>Experts</i>
Procedures	General; Literal; Isolated	Tactical; Refined; Associated; Sophisticated
Conditions	Affected by unrelated conditions; Considers only explicit (obvious) conditions.	Affected by related conditions; Considers both explicit (obvious) and implicit (hidden) conditions.
Actions	“Wait and see” approach	Planned actions
Framing the problem	Global	Task specific
Metacognitive strategies	Lacks self-monitoring of applicability of procedures	Monitors applicable procedures and makes modifications
	Lack specialized memory strategies (encoding and retrieving)	Uses specialized memory strategies (encoding and retrieving)

McPherson & Thomas (1989) were able to identify three types of conceptual knowledge about game play based on verbal reports and statements. They defined a concept as an understanding about response selection in the context of a game situation:

1. Goal concepts - understanding the purpose/goal of a specific action or pattern of actions.
2. Condition concepts - understanding when and under what circumstances to apply a specific action or pattern of actions.

3. Action concepts - understanding how a specific action or pattern of actions produces changes in the context of a game situation.

The results of this study revealed that expert players, regardless of their age, performed better than novices in terms of both tennis skill and their grasp of the conceptual knowledge needed for game play (experts made better decisions and took more effective actions during a tennis game).

McPherson (1994) argued that knowledge acquisition proceeds from a declarative or propositional form (factual knowledge) to a procedural–action form (knowledge of cause and effect relationships).

Expertise and information processing

The entire cycle of information process is important in the development of sport expertise because in sport, the player must continuously match current sensory information to the choices of actions, and then implement the performance effective actions (Thomas, 1994). Thomas (1994) stated that when the information processing model has been used to study expertise in sport, three processing components are typically identified:

- Perception.
- Storage and retrieval of rules, facts, past sensory information, and outcomes of previous performances.
- Decision-making, where decisions are thought to be based on facts (declarative knowledge) and that more facts lead to more elaborate knowledge of procedures (procedural knowledge), which in turn leads to more accurate decisions.

Experts typically have greater procedural knowledge and greater connections among procedures than do novices, therefore decision-making accuracy and speed of decision making are closely tied to procedural knowledge (Thomas, 1994; Thomas & Thomas, 1994). Because experts typically demonstrate a higher level of procedural knowledge than novices, decision training has become an area of interest to coaches. According to Vickers, Livingston, Umeris-Bohnert and Holden (1999), decision training is derived from cognitive psychology and motor learning. It is focused on developing the players' ability to make effective decisions under conditions of physical, temporal and environmental stress.

“Knowing what to do” is a phrase used to describe declarative knowledge and “doing it” is a phrase used to describe procedural knowledge (McPherson, 1994). According to McPherson (1994), these phrases have led some individuals to equate knowledge of “what to do” with response selection components of sport performance and “doing it” with response execution components of sport performance. Although knowing what to do, knowing how to do it, and being able to do it are often related, they are not always related (Thomas, 1994).

In an article by Thomas and Thomas (1994), an example is provided of a subject who had watched and read a great deal about a sport and had a high level of declarative knowledge. The subject also scored well on verbal interviews for procedural knowledge, but his/her actual skill execution and game performance was quite low. The complex link between knowledge and decision-making led Thomas (1994) to recommend that “knowledge of games” be measured in at least three ways:

- With an oral protocol of questions, where the subject must describe what he/she would do in a variety of situations.
- With a written assessment of knowledge, where the subject must write down in words what he/she would do in a variety of situations.
- Analysis of actual decisions made during game play, using measures of both accuracy and speed of decisions.

Stages in the development of expertise

Glaser(1996) identified three stages in the progression to expert levels:

1. The external support stage.

During this first stage, a major commitment is required from parents, coaches, teachers and other support sources to help the learner acquire basic skills.

2. The transition stage.

This stage is characterized by a shift from external support to a more internal focus on autonomy. Self-monitoring and self-correction skills develop during this stage.

3. The self-regulation stage.

In this stage, the learner must take responsibility for him/herself. Feedback from coaches and others provide critical information for the further development of expertise, but the learner must become sufficiently independent to use his/her own error correction and perfection mechanisms.

According to Lyoka (2001), the development of expertise in sport is a complex process with four different phases: early development, middle development, expertise acquired, and top-level. During the early development phase, children are exposed to a variety of sports. As they gain experience in various sports they move to middle development. During middle development they focus their interest into one sport. This sport is usually one that their peers are playing. During the early stages of learning, quick performance improvements and feelings of competence may be one of the motives that keep children focused on one sport.

Expertise and practice

Although expertise in game performance is often described as the sum of knowledge and skill, amount and quality of experience is a critical factor in its development (Thomas, 1994). According to Thomas (1994), gaining expertise in a specific sport must be recognized as being:

- Related to practice, performance and competition time (a large amount of time is needed to become an expert).
- Something beyond the additional knowledge and skill acquired (volume of practice is not enough; quality must accompany the amount of time invested in developing expertise).

In an attempt to understand the relationships between practice activities and performance, Starkes and Ericsson(2003) made reference to a study on the effects of

practice in figure skating. The study attempted to clarify the relationship between practice activities that were considered to be most relevant to improving skating performance by assessing actual on-ice practice sessions. Results revealed that the skaters tended to practice elements that already existed in their repertoire as opposed to practicing new elements. It was also found that the amount of practice time actually spent practicing was proportional to skill level.

The role a coach plays in the organization of practice is crucial, as the coach determines the amount and intensity of practices. Time in practice with a coach may be a prerequisite for deliberate practice in team sports, where self-regulation is not sufficient to support focused practice for the entire group (Starkes & Ericsson, 2003).

Tactics and Strategies

Tactics and strategies are forms of the declarative and procedural knowledge of a sport. According to Starkes and Ericson (2003), there is a limited understanding about how knowledge and skills interact during sport performance and their respective roles in the development of expertise.

“In an opposition relationship, each of two teams must coordinate its actions in order to recover, conserve and move the ball so as to bring it in the scoring zone and effectively score” (Gréhaigne, Godbout & Bouthier, 1999, p. 163). Strategy refers to plans or elements of the game discussed in advance in order for a team to organize and guide itself (Gréhaigne *et al.* 1999). According to Gréhaigne and Godbout (1995) strategy concerns:

- The general order, that is, the outside order form resulting from the general strategic choices of the team (e.g. background play, team composition).
- The positions to be covered according to particular instructions each player receives in training.

Tactics are defined as adaptations to configurations of game play as they occur during the game (Gréhaigne & Godbout, 1995). Effective tactics rely on deciding correctly and at the right time. Gréhaigne and Godbout (1995) specified that tactics often deal with:

- Changes in skills and skill combinations chosen in response to the perceived opportunities presented in specific game situations.
- Changes in positions taken in reaction to the movements on an opponent.

Strategies, tactics and the development of expertise

There has been a considerable amount of research published on conceptual or tactical-based approaches as opposed to the traditional or technique-based approaches to games teaching (Kirk & MacPhail, 2002; Wilson, 2002; Gréhaigne & Godbout, 1995). Traditional games lessons are structured around learning specific skills and developing techniques associated with this skill, thereby teaching them in isolation as opposed to involving them in a game-like situation (Hastie, 1998). According to Turner and Martinek (1995). A typical traditional games approach lesson is structured as follows:

- A first part of the lesson would be dedicated to a warm-up.
- A second part would be dedicated to teaching and developing motor skills.
- A third and final part includes a game or modified game where rules were explained and the overall strategy of the game was identified. Transfer of skills and to game play was presumed, and tactical knowledge might or might not be formally taught.

Bunker and Thorpe's (1982) Teaching Games for Understanding Model (see Figure 5) is one example of the contemporary approach that is focused on both tactical and skill development. The model has been presented as a cycle in which players progressively achieve higher levels of expertise through a balanced approach to tactical and technical skill learning (Kirk & MacPhail, 2002; Turner & Martinek, 1995). The cycle can be repeated many times, with each repetition dealing with a more sophisticated version of the final game/sport form.

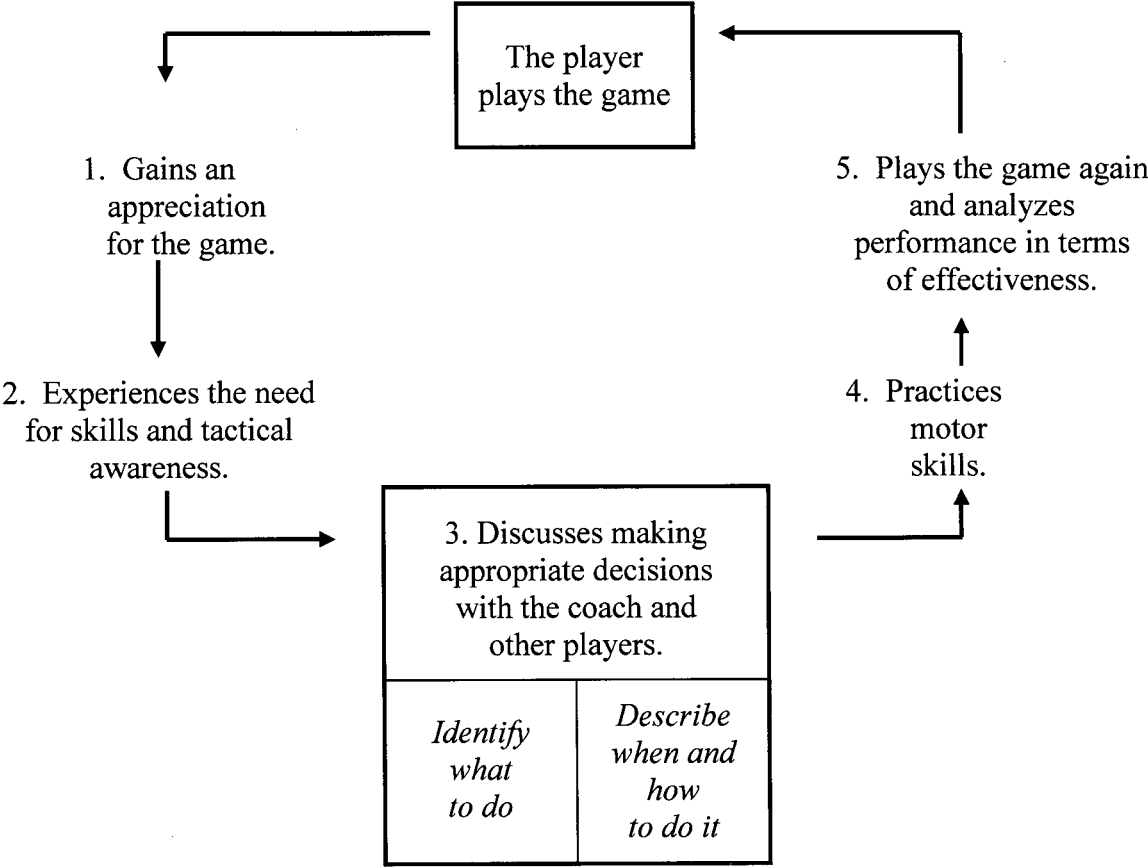


Figure 5. An adaptation of Bunker and Thorpe’s (1982) Teaching Games for Understanding model.

Step1. Introduction/Re-introduction.

- First-time learners are introduced to mini-games (more experienced learners can also benefit from participation in mini-games).
- Emphasis is on understanding selected rules of the mini-game (Rules provide constraints that help determine what tactics and skills will be used).

Step 2. Tactical Awareness.

- The need for offensive and/or defensive tactics is experienced as important in order to be successful in the mini-game (e.g. the need to create space when attacking).

Stage 3. Decision-making.

- Emphasis is placed on learning to recognize different situations as they come up in the mini-game and then on making decisions about what to do and how to do it.

Stage 4. Skill Execution.

- The focus is on the technical aspects of the skills performed within the context of the mini-game. Improving the efficiency of skill performance is important.

Stage 5. Game Performance.

- Learners are evaluated in terms of their success as players within the game, which means that they must be effective in terms of implementing tactics.

Wheelchair Rugby

Wheelchair rugby is played on a regulation basketball court. Cones are set up at either end to mark the goal lines. Restricted areas in front of the goal lines, known as the key areas, are 8m x 1.75 m. (see Figure 6). The objective of offensive game play is to score goals by carrying the ball (a regulation volleyball) over the opposing team's goal line. The objective of defensive game play is to gain possession of the ball by forcing the offense to commit a violation or a bad pass (Yilla & Sherrill, 1994).

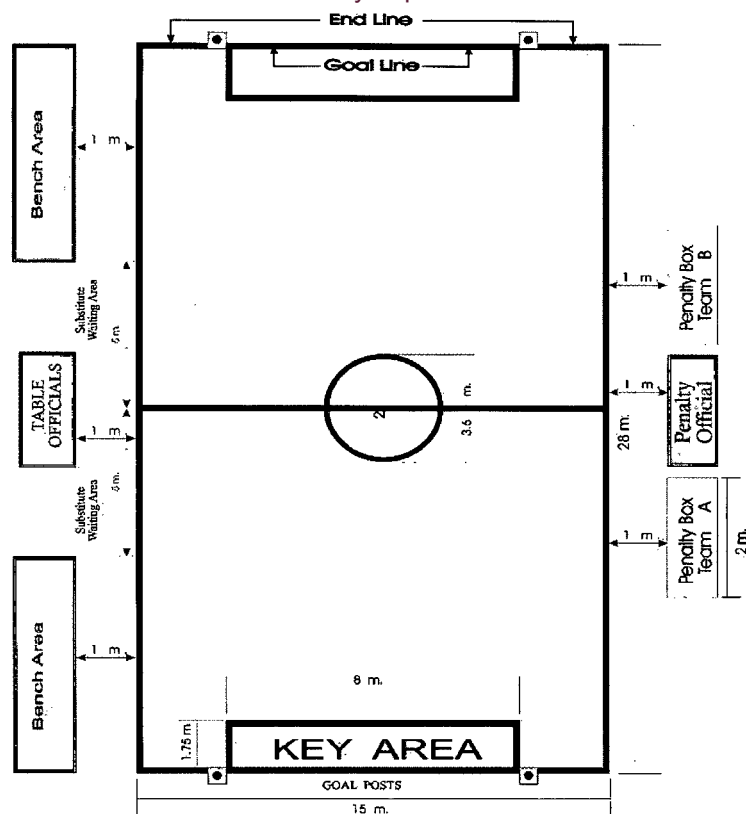


Figure 6. The wheelchair rugby court.

General Rules of Wheelchair Rugby

The following general rules are taken from the International Wheelchair Rugby Federation (I.W.R.F.) rule book (2002 – 2006):

- Wheelchair rugby is played by two teams of four players, where each player is classed according to the present classification system and the total number of classification points may not exceed eight per team.
- Games consist of four eight-minute quarters, with teams changing ends at half-time.
- Games start with a tip-off in the centre circle, after which possession alternates.
- Players in possession of the ball may take an unlimited amount of pushes, but must bounce or pass the ball within 10 seconds. Failure to do so results in a loss of possession.

- On an inbounds throw, the offensive team has 10 seconds to put the ball into play after receiving it from the referee. If the ball is being thrown inbounds from the backcourt, the offensive team has 15 seconds to advance the ball into the front court. Failure to adhere to these time limits set for inbounds results in a loss of possession.
- Defensive team players who commit fouls or violations serve one minute in the penalty box depending on the type of violation; such as:

Illegal physical contact with another player.

Illegal chair contact.

Four defensive players in the restricted area.

Defense crosses the goal line.

- Various rules apply to the use of the key area:
 - If more than three defensive players enter the key area, a one-minute penalty is called against one of the defensive players.
 - All four offensive players are allowed in the key area, but only for 10 seconds at a time. Failure to adhere to this rule results in a loss of possession.
 - Players are not allowed to cross the goal line in the key area, unless it is an offensive player who has clear possession of the ball, in which case a goal is scored.
- In general, defensive fouls and violations result in a one minute penalty for the player who committed the foul/violation, and offensive violations result in a loss of possession, unless it is a technical foul, in which case the offensive violation results in a one minute penalty (Yilla & Sherrill, 1994).

Classification in wheelchair rugby

Classification is used to describe the systematic process by which participants are objectively evaluated in relation to their impairment and/or, sports potential for the allocation to a specific (competition) class, band, group or division for the conduct of a fair sports contest (Williamson, 1997, p.48).

Williamson (1997) described two phases of evaluation in the classification process that combines medical information with performance information. Phase One is the evaluation of the athlete’s strength, range of motion, motor coordination, and balance needed to perform the sport skills. Phase Two is the evaluation of actual sport performance.

In the sport of wheelchair rugby, players are classified into one of seven classes (0.5; 1.0; 1.5; 2.0; 2.5; 3.0; 3.5) based on functional ability (see Table 1). The higher classes are assigned to those that have higher functional abilities and the lower classes to those with less functional abilities.

Table 1

Classification of wheel chair rugby players (Australian Broadcasting Corporation, 2005)

Class	Functional Description
0.5	Not a major ball handler. Scoops ball onto lap. Forward head bob present when pushing (pulling back part of the wheel). Uses back quarter of wheel to stop, start, and turn. Usually passes the ball forward to the side with a two-hand toss. Poor balance.
1.0	Weak chest pass or forearm pass. Has a longer push on wheel (combination of push and pull). Forearm or wrist catch. Weak or nonexistent chest pass.
1.5	Asymmetry is persistent in arms. Predominantly uses the stronger arm. Good blocker. Good shoulder strength.
2.0	Good chest pass. Good ball handler. Can hold the ball with wrists firmly.
2.5	Asymmetrical hands or arms. Major ball handler and fairly fast playmaker.
3.0	Can dribble well with one hand. Very good ball handler. Can begin to grip the push rim in order to maneuver the wheelchair.
3.5	Has some trunk function, therefore very stable in wheelchair. Usually has a very good call control. Major ball handler and very fast playmaker.

According to the International Paralympic Committee (IPC, 2005), there are three off- court components used to determine players’ classification:

1. Bench Test – a muscle test performed on all upper extremity musculature, in addition to an examination of range of motion, tone and sensation.

2. Functional Trunk Test – assessment of the trunk and lower extremities in all planes and situations, it may include a manual muscle test of the trunk muscles.
3. Functional Movement Tests – pushing, turning, stopping, starting, holding your chair against resistance, dribbling, passing, rimming and transferring are some of the functional skills that may be evaluated.

A player is also evaluated on the court, while playing, to help determine into which class he or she should be classified.

There has been a call for classification in wheelchair rugby to shift from its current medically-based system to a more functional one (Zbieranowski, 2004). Altmann, Hart and Parkinson (2005) completed research to determine if there was consistency between class allocation of players in the 0.5 and 1.0 class according to the classification manual, and the classification of those same players based on assessment during tournament play. Results of this study showed that there were only 16 out of 195 arms assigned in the “wrong” class (according to manual muscle testing). The authors concluded that there was good consistency between the medical and the functional classification of low point athletes with spinal cord injury.

Malone and Orr (2006) conducted a study to determine if there was a correlation between rugby player classification and performance on the following sport-related tests:

1. 20m sprint (speed).
2. Endurance sprint (speed endurance).
3. Passing accuracy.
4. Slalom (with and without ball) (agility).
5. Up and back (anaerobic endurance).
6. 1-mile push test (aerobic endurance).

The results of this study showed a significant correlation ($p < .05$) between player classification and these six performance tests. The authors also analyzed the data on the performance tests according to each class separately. An example of their results for two fitness variables (speed and speed endurance) are presented in Table 2, and for the skill variable of passing (short and long passes) are presented in Table 3.

Table 2

Results for two fitness variables

	Class						
	0.5	1.0	1.5	2.0	2.5	3.0	3.5
N	11	12	12	17	13	13	3
20m sprint	8.22 secs	7.67 secs	6.83 secs	6.32 secs	6.33 secs	6.21 secs	5.85 secs
Endurance Sprint	30.23 secs	27.33 secs	25.04 secs	22.48 secs	22.73 secs	22.62 secs	21.80 secs

Table 3

Results for the passing skills

	Class						
	0.5	1.0	1.5	2.0	2.5	3.0	3.5
N	11	12	12	17	13	13	3
Short pass	17.60 pts	25.50 pts	25.58 pts	24.25 pts	26.00 pts	25.92 pts	25.67 pts
Long pass	14.00 pts	17.83 pts	21.42 pts	15.38 pts	21.38 pts	22.77 pts	20.33 pts

In Table 2, it is clear that the players became faster in the 20m sprint and the endurance sprint as their class became higher, with the exception of players in Class 2.5, who were a bit slower than players in Class 2.0. In Table 3, the pattern of improved performances with higher classes is not as evident. For example, there is not much difference in short pass point totals among players in classes 1.0 through to 3.5, and the players in Class 2.0 had the second lowest scores on the long passing test, with only the .5 players scoring lower. This level of analysis does raise questions about either the validity of tests of functional ability and/or the validity the wheelchair rugby classification system, since clearly there is not a clear relationship between performance and classification level.

Molik *et al.* (2006) called for a re-examination of the classification system. Their research found no significant differences in anaerobic performance between either the 1.0 to 1.5 class players vs. the 2.0 to 2.5 class players, or the 2.0 to 2.5 class players vs. 3.0 to 3.5 class players. However, they did find significant differences in anaerobic performance between 0.5 players and the rest of the players, as well as between the 1.0 to 1.5 class

players vs. the 3.0 to 3.5 point players. Because participants in this study were only individuals with quadriplegia due to spinal cord injuries, Molik *et al.* (2006) suggested that future studies of this kind should investigate the differences in anaerobic performance among wheelchair rugby players with various types of disabilities.

Another study examined the game efficiency of wheelchair rugby players in relation to their classification (Molik, Morgulec, Bebeniek & Kosmol, 2006). Game efficiency was calculated using the following parameters:

1. Time of play.
2. Sum of all points scored.
3. Points scored after receiving a pass into the key area.
4. Points scored after an individual ride into key area.
5. Points scored after fast attack.
6. Steals.
7. Assists.
8. Losses of ball.
9. Catches of ball.
10. Passes of ball.
11. Number of fouls.
12. Blocks of ball.

The results of this study indicated that players in Class 0.5 demonstrated the lowest game efficiency, and that highest game efficiency was displayed by the most able players (Classes 2.0, 2.5, 3.0 and 3.5). However, statistically significant differences were not found between classes ranging between 2.0 and 3.5 for any of the parameters of game efficiency. The small differences noted in game efficiency between players in these higher classes suggest that some merging the upper classes could be considered.

The on-court dominance of the game by high-point players leading to the disappearance or de-emphasis of low-point players, have been highlighted by Schreiner and Strohkendl (2005). This pattern is more of a challenge to the rule that there may be a total number of eight points among the players on the court at any one time, rather than to

classification. Hart (2005) expressed concern about the definition of minimum eligibility for the game of wheelchair rugby. Eligibility refers to the least amount of impairment necessary to qualify for participation in a sport.

Tactics in Wheelchair Rugby

The following examples of tactics in wheelchair rugby were from the Great Britain wheelchair rugby website (www.gb.wcrugby.com, retrieved June 10, 2006). Figure 7 shows a typical defensive tactic that involves the defensive team retreating into its key area to try to protect the goal area.

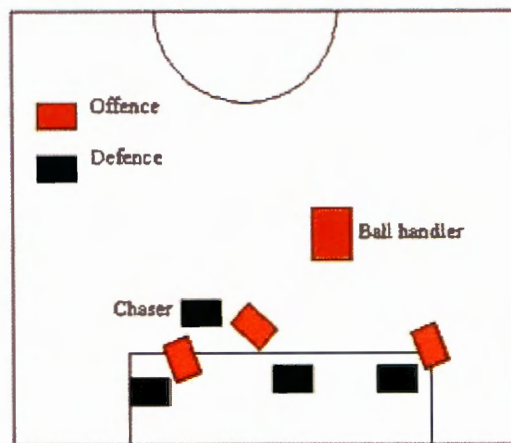


Figure 7. *A typical defensive tactic.*

However, most defensive tactics are more sophisticated. A common defensive tactic in wheelchair rugby is the “press.” For example, a T-Press (on top) is where the defense tries to keep the offense from getting out of their half for 15 seconds, and thereby forcing a turnover (see Figure 8).

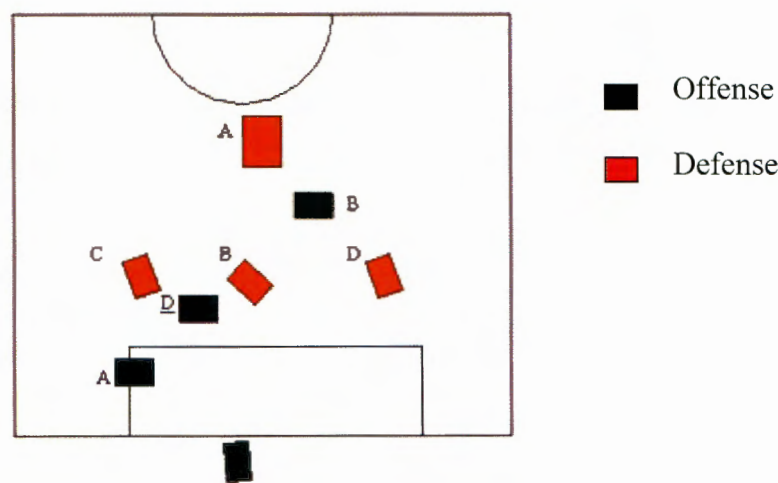


Figure 8. The T-Press (on top).

The T-Press (on top) is designed to allow the ball to come into play (a pass to offense A or D), but then for Defense B or C to force the ball handler into a corner. The ball handler will then have to pass the ball from a disadvantageous position. Defensive players A and D are free to cut out any such pass.

The T-Press (underneath) is designed to force a weak inbound pass from the offensive player behind the goal line (see Figure 9). Defensive players B, C, and D will generally turn and face the opposition. They will try and prevent offensive players A, B and D from coming low to receive a pass.

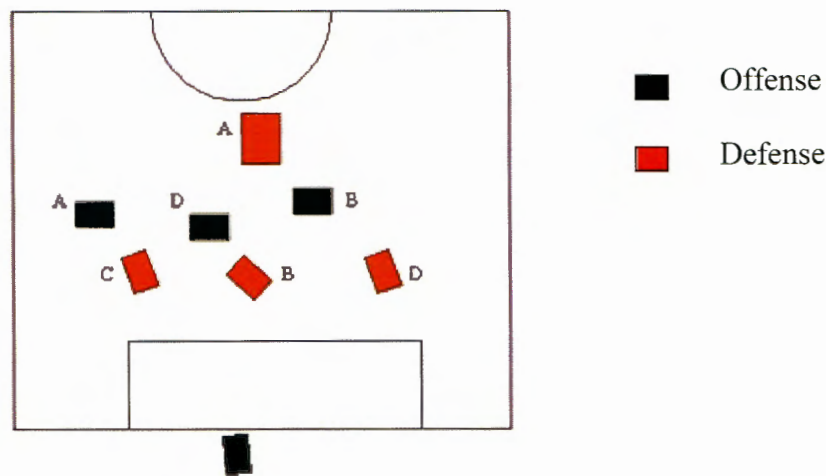


Figure 9. The T-Press (underneath).

Another common defensive tactic is “double teaming” (see Figure 10). This play is used when the offense has two very strong players (A&B) and two weaker players (C&D). The two stronger players (A&B) are double-teamed so that they will not receive the in-bound pass. The inbound pass from C will have to go to the weaker player (D) who may then ‘give and go’ (pass back to the in-bounder and protect him). When the ball has been successfully thrown in, the two defensive players (C&D) who were underneath come down and prevent the weaker players (C and D) from progressing up court. The two defensive players on top (A & B) shadow the offensive players A & B, so that they cannot go long and receive a pass.

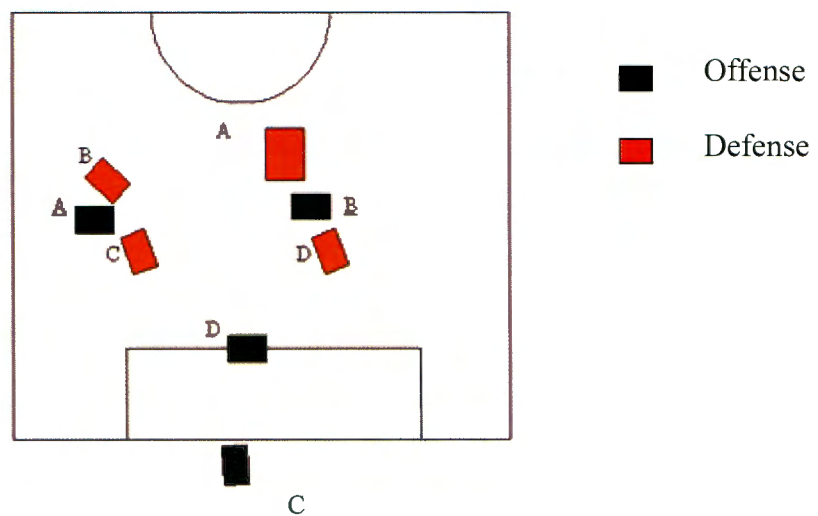


Figure 10. Double-teaming.

One of the simplest offensive tactics use to organize attacking play, is to create a two-on-one situation on the central defender (see Figure 11). The weaker players (offensive players C and D) keep the corner men wide. Offensive player B works on the chaser until he is out of position, which allows B to get into the box and post-up against the corner defensive player (e.g. hit the corner man and then turn and face to receive a pass from A). The ball handler (offensive player A) then drives into the box. The middle defensive player is then facing a two-on-one situation: he must come to meet the driving player A, who then will pass the ball to B to score.

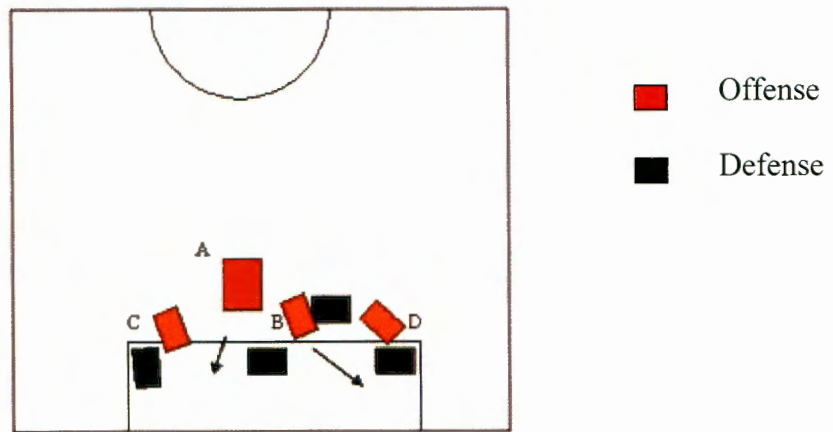


Figure 11. Creating a two-on-one situation.

There are more complicated offensive tactics that involve unfolding situations (see Figure 12).

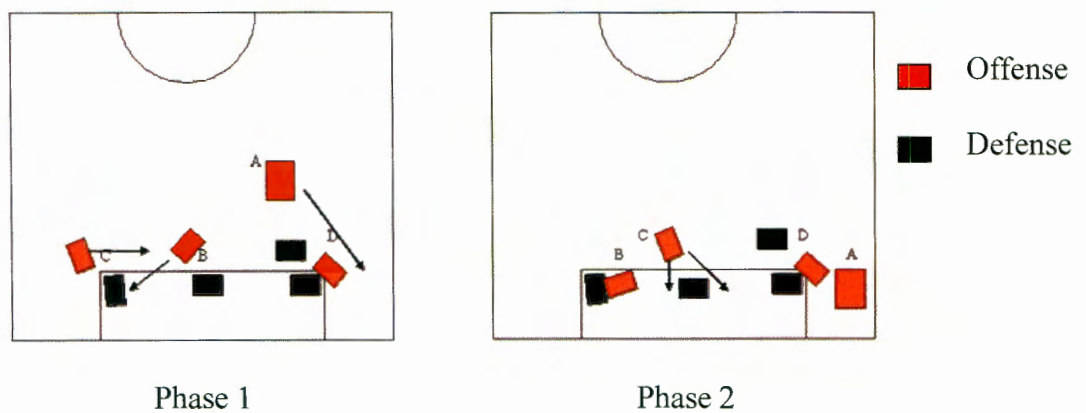


Figure 12. A two-phase offensive tactic.

- In Phase 1, the ball-handler (offensive player A) goes to the side of the chaser, protected by a weaker player (offensive player D). Offensive player B posts up against the corner player and offensive player C heads for the middle of the box.
- In Phase 2, player C has a choice. He can either hit the middle player from behind and create a pocket for B to cut toward the goal line and receive a long pass from player A, or he can cut in front of the middle man and receive a shorter pass himself from player A (If the corner man tries to block this run of play, the ball handler A can score himself in the corner, without passing the ball). Another

example of a two-phase offensive tactic that is often used when there is a very strong defensive middleplayer, is presented in Figure 13.

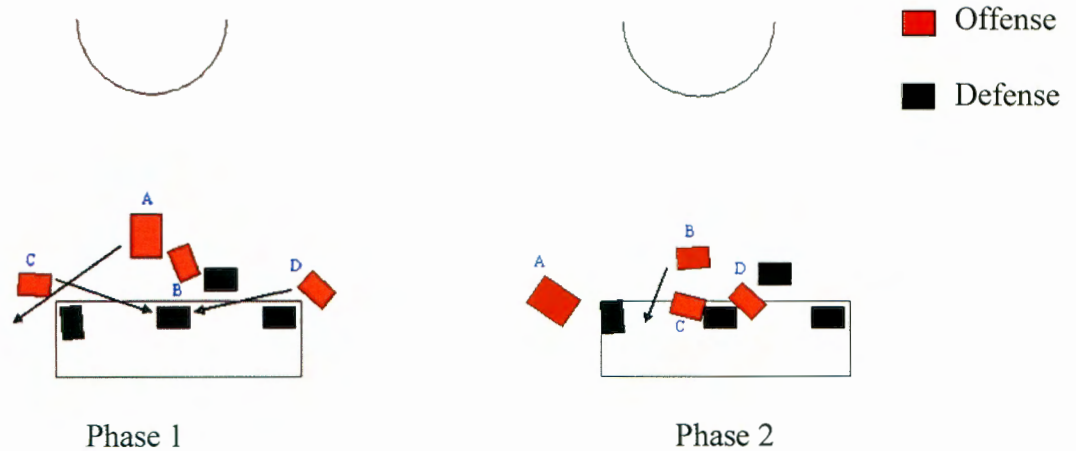


Figure 13. Another two-phase offensive tactic.

- In Phase 1, the two corner players (C and D) come in at the same time and post up against the middle player. The ball handler (offensive player A) moves to the side where the chaser cannot follow him.
- In Phase 2, offensive players C and D have neutralised the middle man. Offensive player B is now free to enter the box and receive a short pass from the ball handler (offensive player A) and then score. The corner man cannot try block this run because if he does move out of position, offensive player A will simply score in the corner without having to pass the ball.

Summary of Chapter Two

Increasing levels of expertise in skill performance has been associated with years of practice. This is a difficult concept to transfer directly to discussions about disability sport, since many persons who participate in sport have acquired their disabilities during late childhood or early adulthood. This prevents any opportunity for “years of practice.” This may be a limiting factor in the development of high levels of expertise, especially in wheelchair rugby where many players have spinal cord injuries.

There have been no studies to suggest that a number of years are required to gain high levels of tactical proficiency. Thomas (1994) did propose that sports could be put on a decision making continuum, ranging from low strategy sports on one end and high strategy sports on the other end.

- Low strategy sports are those where success at the expert level is more dependent upon skill, fitness and other physical abilities, rather than decision making and tactical performance. The tactics are simple and the decisions few. Technical execution is what determines the difference at the top level.
- High strategy sports are those where decision making and tactical performance are critical to success. Skill, fitness and other physical abilities are very important, of course, but the difference among top players is in their ability to use their skills at the right place and time (a tactical performance).

Wheelchair rugby is a high strategy sport. According to Thomas (1994), this means that at the beginning levels, the players focus on learning individual skills and skill combinations as well as learning the rules and some basic offensive and defensive plays. Declarative knowledge as well as procedural knowledge must be acquired. For example, the rules of wheelchair rugby must be understood as well as the tactics. As players engage in more practice, they begin to put together “if this happens, then I do that” kinds of associations in their mind. At the expert level, the ability to read the playing situation and pick out cues on which to base decision making develops.

From this review of literature, it could be expected that the club level players will struggle with their skill execution and that they would have some simple tactical aspects of the game under control. At the regional level, skill execution will be better and tactical aspects either more sophisticated or at least more proficient. At the international level, one expects a balance between good technical skill and innovative tactical performances.

Chapter Three

Methodology

This is a descriptive study in which the skills and tactics of wheelchair rugby in South Africa are observed, described and compared at three different levels. The levels of expertise observed are club, regional and international level. A total of 18 games were analysed during the 2005 wheelchair rugby season. Six games were from the National Club League, six from the annual South African Regional Tournament and six during the Oceania Zone Tournament in which South Africa competed with Australia, New Zealand and Japan. Focus X2 software was used to complete a video analysis of each game according to a pre-determined category set of skill and tactical events. This analysis was then used to describe and compare skills and tactics as well as determine reasons for the success or failure of wheelchair rugby teams at different levels of expertise.

Procedures

The following procedures were followed in this research.

Selection of teams

A sample of convenience was identified for this study for financial reasons. The Western Cape had three teams participating in the National Club League so accessibility to games at club level was of minimum expense. The three teams participating in the national league combined to make a regional team that played in the annual national tournament. Because the Western Cape team required helpers for their players, they offered the investigator transport and lodging at the tournament in return for support. This support role was not overly demanding, so the investigator had the opportunity to film three games at the tournament.

The opportunity to videotape international games was possible because the Oceania Zone Tournament in 2005 was held in Carnival City, Brakpan, South Africa. This meant that games between Australia, New Zealand, Japan and South Africa were available for inclusion in this study.

Permission to film and analyse games

The rights to broadcast or film games played within leagues or during tournaments, belongs to the organizing body for that league or tournament. Permission to film and analyse games for the purpose of this research was requested from the South African Sports Association for the Physically Disabled (SASAPD).

Local teams

Following the orientation session presented by the investigator to the managers and players from three local teams, individual permission to film and analyse games was granted (from the managers and players of each team) for their games to be filmed on match days, and subsequently to be analysed as a part of this research.

Regional teams

Access to film games at the regional tournament was requested from the Director of the South African regional tournament. After receiving an orientation to the research, access was granted for tournament games to be filmed and analysed.

International teams

A letter describing this research with a request to film and analyse these international games was sent to the General Manager (SASAPD). A letter granting permission to record and analyse games was sent to the investigator, with the request that the results of this research be sent to SASAPD.

Filming the games

Filming took place at three different venues. Because all three club teams practiced and played their matches at the same venue, it was possible to film all local games from the same vantage point and under the same physical circumstances. The regional tournament was played at a second venue, and the Oceana Zone tournament was played at a third venue.

The investigator did all of the filming. All games were filmed using a Panasonic 50Hz digital video camera set on a tripod at an elevated vantage point on the side of the

court. The following steps were involved for each of the 18 games filmed during this research:

1. Confirm availability of camera, tripod and DV digital standard tapes. Check out equipment.
2. Confirm access to match venue for filming.
3. Set up video camera and tripod in a suitable position for optimal filming of games.
4. Insert DV digital standard videotape and then test video camera. Identify and correct camera positioning errors (if any).
5. Begin to film game with the focus of the camera on the movement of the ball in relation to the on-court movement of players.
6. Pause filming between each quarter to prolong filming time on DV digital standard tape.
7. Stop filming at the sound of the full time whistle. Eject tape and store properly. Pack away camera and tripod.
8. Go to each bench to thank all of the players and the managers for their participation in the study.

Analysis of Games

The recorded version of the game was downloaded to a computer on which the Focus X2 software programme had been installed. This software is aimed at elite sports performance analysis and allows for the organization of parts of a match into video clips of events as deemed important by a coach or sport technologist. The programme also calculates match statistics.

The first step in games analysis is the development of a useful way to organize the video clips. This way of organising is called a “category set.” A category set is used to structure the way in which the sport technologist (the investigator in this study) uses the Focus X2 software programme to analyse a game.

Developing a category set

Because there is no previous games analysis material available in wheelchair rugby, the investigator had to develop an original category set to use in this study (see Figure 14). Given the nature and laws governing wheelchair rugby, three main types of events were identified:

1. Re-start event: Goal inbounds.

It is a requirement that the game be restarted with a goal inbounds after a point has been scored by a team.

2. Re-start event: Side inbounds.

If the ball rolls out of bounds during play, it is restarted by a side inbounds.

3. Lapse event: Turnover (including the tip-off to start the game).

As with all invasion games turnovers occur when a team loses the ball to the opposition. This type of event happens without play having to be stopped and restarted. Turnovers are therefore referred to as a lapse event. Although the tip-off at the beginning of the game is technically a start event, the tip-off was also categorized as a lapse event since no team is initially in possession, then one team “gains” possession.

The next level of detail in the category set identified the outcome of each event as either “successful” or “unsuccessful.” A goal is the desired outcome for one of the teams for each of the three events. If a goal was scored from a re-start (side inbounds or goal inbounds) it was considered a successful outcome. If a turnover occurred, it was an unsuccessful side inbound or goal inbound. In the event of a turnover or a tip-off, if a team maintained possession of the ball, it was considered a “successful” event. Although a successful event for one team is a negative event for other team, these lapse events were only categorized for the team who got initial control of the ball. For that team, it would be a “successful” turnover.

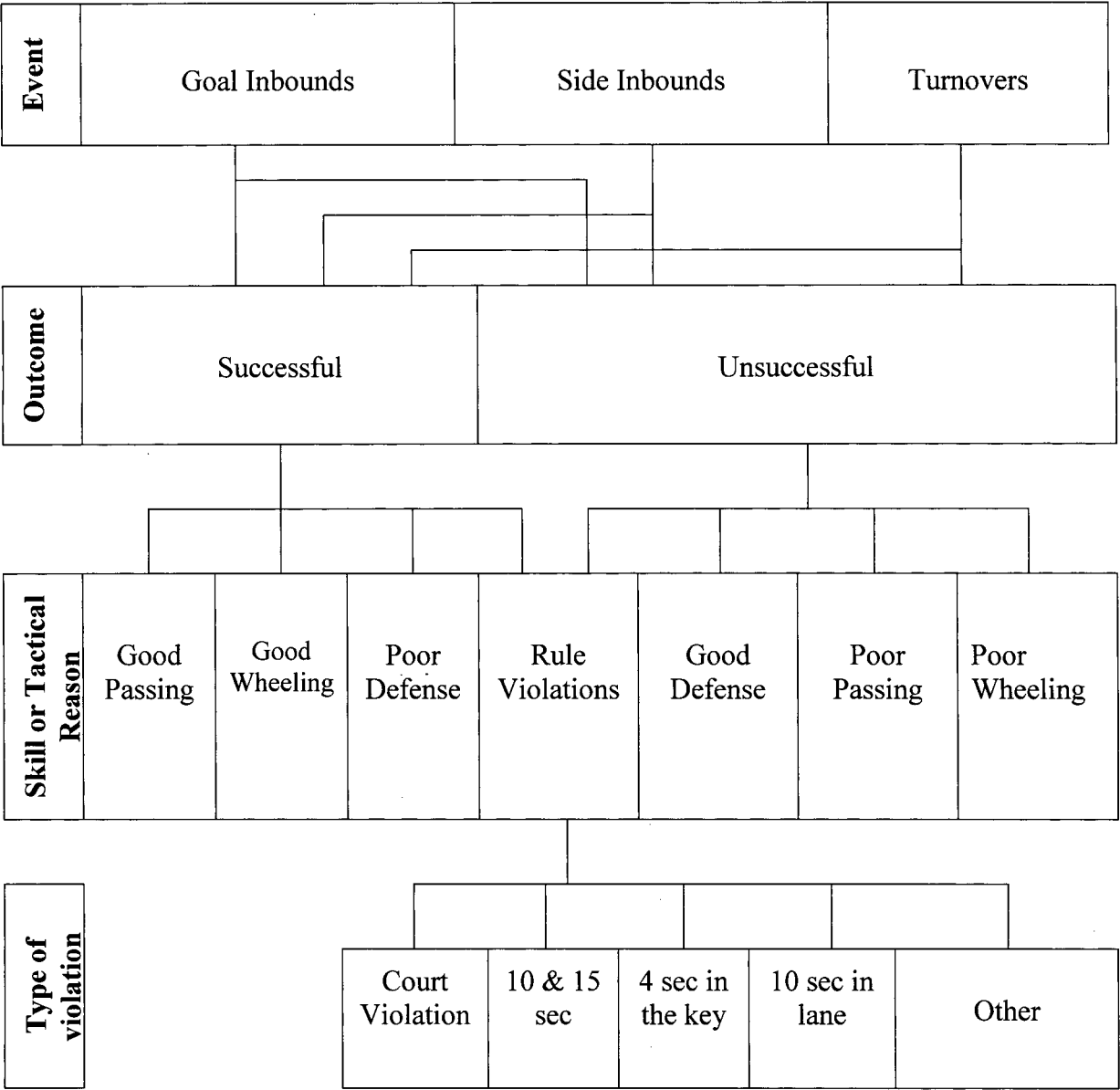


Figure 14. Category set developed for the analysis of wheelchair rugby games.

The third level in the development of the category set involved the identification of the skill or tactical reason why an event was either successful or unsuccessful. A number of reasons were identified for the outcomes of each event occurring. Reasons for the success of an event were classified as a result of either skill performance or tactical performance:

1. Good passing (skill performance).

A situation in which a point was scored after two or more successful passes.

2. Good wheeling or agility (skill performance).

A situation in which a point was scored either because of good on-court wheelchair movement and/or screening by teammates, making an easy path for the ball carrier to score a point.

3. Poor defense from the opposition (tactical performance).

A situation in which a point was scored because of confusion in the defensive coverage and/or no attempt at preventing the point from being scored.

Reasons for unsuccessful events were:

4. Poor passing (skill performance).

A situation in which a point was not scored because a misdirected pass resulted in the loss of ball possession.

5. Poor wheeling or poor agility (skill performance).

A situation in which a point was not scored because poor wheelchair movement or positioning, and/or failure to use effective screening by teammates, resulted in the loss of ball possession.

6. Good defense from the opposition (tactical performance).

A situation in which a point was not scored because of good defensive positioning.

7. Rule violations were also seen as reasons for unsuccessful events. This category was further broken down into a fourth level of analysis, where some of the most commonly violated rules were included in the category set: Court violations; 10 & 15 seconds; 4 in-the-key; 10 seconds in-the-key and 1- seconds in the lane. A category labeled “other” was included as a reason, as there are always external

factors and many infrequently occurring violated rules along with the use of time-outs during games.

Establishing the validity of the category set

Face/logical validity is claimed when an assessment method or instrument is considered by experts to be an accurate approach to assessing the performance being measured (Thomas & Nelson, 2001). Validating the original category set developed for this study was achieved through the identification of two wheelchair rugby experts, who then proceeded to view three of the 18 games in this study in order to determine if the original category set was able to accurately what happens during wheelchair rugby games. The following steps were taken to establish the face validity of the category set.

A method to establish validity

Face validity can be established through a method called “consensual validation.” (Scanlan, Stein & Ravizza, 1991). In this method, experts discuss the validity of the category set provided by the investigator. If they agree that the category set is reasonable, they then try to apply the set to the analysis in wheelchair rugby games. They are encouraged to discuss their application of the category set, during the entire process of games analysis. The results of their games analysis are then compared to the results of the games analysed by the investigator.

For the purpose of this study, the investigator set a goal of achieving a minimum agreement rate of 80% with the experts, as the level for acceptability of the validity of the category set and its application to wheelchair rugby games. One game at each level (club, regional and international) was randomly selected to serve as the three games on which validity would be assessed.

Invitation of experts

Two former South African national wheelchair rugby players were invited to serve as the experts whose judgment would be used to validate the category set. One of the former players had been a regional coach and the other had studied sport science as a specialization at a tertiary institution. Both players have an extensive knowledge of the game and because both were ex-players at the top level, their insight into the game and the

reasons for successful and unsuccessful events was considered to be suitable for the validation process.

The validation session

The validation process took place over a period of three days (one session each day). The validation session for each game was approximately two hours long. The investigator was concerned that longer sessions could have produced fatigue which in turn might reduce the validity of the process. Three two-hour sessions were considered to be very manageable. These steps were followed with the experts in order to determine face validity:

1. Orientation to games analysis.

Explain the use of Focus X2 software for games analysis.

Explain the concept of main events in a game and the development of a category set to guide games analysis.

2. Orientation to the category set.

Explanation of how the category set was developed in terms of the breakdown of the game.

Each expert was given a printed photocopy of what the category set looked like along with detailed reasons for the reasons category.

3. Confirmation of the category set.

Experts were asked if they thought the category set was reasonable and appropriate for the analysis of wheelchair rugby at local, regional and international levels.

4. Trial practice using games analysis.

After acquaintance with the software and category set, the experts were given one game to get acquainted with the system of games analysis.

5. Explanation of process of consensual validation.

It was explained to the experts that they would watch the wheelchair rugby game and identify the events in the game (goal inbounds, side inbounds and turnovers). They were told that they had to achieve agreement on the identification of events.

Once agreement was achieved in terms of events, both experts applied the category set to determine the outcome for each event and the reason for the outcome.

They discussed their categorization of each event, and once consensus was reached, it was recorded by the investigator on the software program.

When a situation occurred in which the experts could not reach a consensus, the investigator delivered his opinion on the analysis of the event, which led to further conversation until a consensus was reached.

Calculating validity

The experts agreed that the category set developed for this study was reasonable, and no changes were recommended. After they completed their analysis of three games (one at each level), a statistical comparison was made between the investigator's analysis and that of the experts. The purpose of this comparison was to identify differences between the experts and investigator in either the determination of the events, the outcomes of events or the reasons for the outcomes (see Appendix A). The goal was to achieve a minimum agreement rate of 80% between investigator and experts. This goal was achieved, therefore the face validity of the category set and its application to wheelchair rugby was considered to be valid (see Table 4).

Table 4

Validity of the games analysis process

	Club Level	Regional Level	International Level
Agreement about Events	98.8%	100%	98.4%
Agreement about Outcomes	98.2%	100%	97.6%
Agreement about Reasons	89.2%	94.7%	90.5%
Total Rate of Agreement	95.4%	98.2%	95.4%

Reliability of the games analysis process

Reliability in the games analysis process is critical. If a measurement instrument cannot yield the same results upon successive trials then the test cannot be trusted (Thomas & Nelson, 2001). For the purpose of this study, reliability was defined as the consistency with which the investigator analysed games. It was determined by the repeatability of the analysis, determined through the re-analysis of three games, one at each level of play. A minimum agreement rate of 80% was set as the level for accepting the reliability of the application of the category set by the investigator.

The reliability session

Three sessions were scheduled for the re-analysis of three games, one each at the club, regional and international level. For each session, the following steps were followed:

1. A game tape at the appropriate level was drawn and then re-loaded on the Focus X2 software programme so that it was ready to be re-analyzed.
2. The game was then re-analyzed by the investigator (using the same category set) and the results recorded.

Calculating reliability

After completing the re-analysis of three games (one at each level), a statistical comparison was made between the first and the second analysis. The purpose of this comparison was to identify differences between the first and second analysis in either the determination of the events, outcomes of events or the reasons for the outcomes (see Appendix B). The goal was to achieve a minimum agreement rate of 80% between the first and second analysis. This goal was achieved, therefore the face validity of the category set and its application to wheelchair rugby was considered to be valid. A summary of the results of these comparisons is presented in Table 5.

Table 5

Reliability of the games analysis process

	Club Level	Regional Level	International Level
Agreement about Events	99.4%	97.0%	97.0%
Agreement about Outcomes	99.4%	97.0%	96.1%
Agreement about Reasons	88.0%	82.7%	82.6%
Total Rate of Agreement	95.4%	92.3%	91.8%

Analysis of Results

The results of the 18 games analysed in this study were recorded in table form in which the successful and unsuccessful events could be calculated in terms of percentage of total game play, and reasons for the success or lack of success was reported (see Appendix C). The information needed to answer each research question was drawn from these tables.

Chapter Four

Results

The purpose of this study was to determine differences in skills and tactics at three different levels of play. Differences in distribution of events and the reasons for successful and unsuccessful play during events will be examined. The standard of play in South Africa was examined by looking at performances of the national team compared to other international teams during the Oceania Zone tournament.

Data was collected through the scientific means of recording six club games during the national wheelchair rugby league in 2005, six games during the annual national tournament in 2005, and six games at the international Oceania Zone tournament held in South Africa, 2005. A total of 18 games were taped and the data were analyzed and reported in tables for comparison.

Research Question One

1. What are the differences in the distribution of events in games played at three different levels of wheelchair rugby?

In order to answer this question, a complete games analysis of six games at each level (a total of 18 games) was completed (see Appendix A). Based on these statistics, summary charts were completed for each team at each level according to the category set (see Appendix B). The information from these charts was used to compile the report of the results of the games analysis according to level of play (see Table 6).

The most obvious difference among the three levels was in terms of successful events, turnovers (which were categorized as successful) and unsuccessful events. At both the club and the regional level, turnovers accounted for 32% of game events, while at the international level, turnovers accounted for only 17% of game events. The relationship between successful inbound plays at club, regional and international (26%, 25% and 53%) and unsuccessful inbound plays at club, regional and international level (42%, 43% and 31%) highlights the difference in play at international level. At the club level and the

regional level, unsuccessful inbounds plays accounted for a greater proportion of play than successful inbounds.

Table 6

Differences in the distribution of events among the three levels of competition

Events	Total events in each category	% of game play	Range over six games
Club Level (N = 697 events)			
Successful	182	26%	
Goal inbounds	79	11%	26 (3% - 29%)
Side inbounds	103	15%	8 (11% - 19%)
Turnovers	223	32%	9 (25% - 34%)
Unsuccessful	292	42%	
Goal inbounds	188	27%	6 (24% - 30%)
Side Inbounds	104	15%	15 (6% - 21%)
Regional Level (N =1016 events)			
Successful	257	25%	
Goal inbounds	100	10%	20 (2% - 22%)
Side inbounds	157	15%	4 (14% - 18%)
Turnovers	325	32%	9 (29% - 38%)
Unsuccessful	434	43%	
Goal inbounds	242	24%	4 (21% - 25%)
Side Inbounds	192	19%	11 (13% - 24%)
International Level (N = 731 events)			
Successful	383	53%	
Goal inbounds	238	33%	32 (20% - 52%)
Side inbounds	145	20%	6 (16% - 22%)
Turnovers	119	16%	14 (7% - 21%)
Unsuccessful	229	31%	
Goal inbounds	181	25%	12 (17% - 29%)
Side Inbounds	48	7%	7 (2% - 9%)

Unsuccessful inbounds plays (42%) exceeded successful inbounds plays (26%) at the club level, while unsuccessful inbound plays (43%) exceeded successful inbounds plays (25%) at the regional level. At the international level, the relationship was reversed with 53% of events categorized as successful inbounds plays and 31% as unsuccessful.

It was interesting to note that this pattern of unsuccessful vs. successful inbounds play was somewhat modified according to the type of inbounds play (goal inbounds or side inbounds).

- Unsuccessful goal inbounds events exceeded the successful goal inbounds at both the local club level (27% unsuccessful vs. 11% successful) and the regional level (24% unsuccessful vs. 10% successful). This relationship was reversed on the international level where the successful inbounds accounted for 33% of play and unsuccessful inbounds accounted for 25% of play.
- Side inbounds events presented a slightly different pattern. At the local and regional levels, the rate of unsuccessful side inbounds events compared to successful side inbounds events was more balanced (15% unsuccessful vs. 15% successful at the club level and 19% vs. 15% at the regional level).
- At international level, successful goal and side inbound events accounted for more than half the percentage of total game play, and the percentage of successful goal inbounds far exceeds that of successful side inbounds.

Variability among games

The range of scores over six games was calculated as the variability. Variability in successful goal inbounds was the highest at all three levels (26 at club level, 20 at regional level and 32 at international level. This could indicate that the successful goal inbounds are the most variable of plays in wheelchair rugby at all levels.

Answer to Research Question One

There was a definite difference between the regional level and the international level in terms of the types of events and whether or not they are successful or unsuccessful. International play was characterized by 69% successful play (inbounds and turnovers). Local and regional level wheelchair rugby in South Africa was similar in terms of the

distribution unsuccessful events (43% of both club level and regional level play was characterized as unsuccessful play).

Research Question Two

2. What are the differences in the reasons for successful and unsuccessful play at three different levels of wheelchair rugby?

Table 7 presents the results of the analysis of the reasons for successful goal and side inbounds play at the different levels of competition.

Successful goal inbounds and side inbounds plays

Success at the local club level was most frequently due to poor defense by the opposition (53% of success on goal inbounds and 58% of success on side inbounds due to poor defense by opposition). At the regional level, there was a shift toward more effective offensive play. Good passing (42%) and good wheeling (35%) accounted for success on goal inbounds plays. However, the pattern noticed at club level reappeared when looking at side inbounds plays, where 52% of successful plays were attributed to poor defense.

At the international level, good passing (52% and 42%) and good wheeling (40% and 3%) accounted for success on both goal inbounds and side inbounds plays respectively. Poor defense was not nearly as common on the international level as it was on the club and regional levels (frequencies of only 8% on goal inbounds and 24% on side inbounds).

Turnovers (successful play)

Table 8 presents the results of the analysis of reasons for turnovers. Poor passing by the opposition accounted for 60% of the successful turnovers at club level, 67% at regional level and 53% at international level. Clearly, poor passing was a critical weakness in wheelchair rugby that was evident at all levels of play. Good defense as the cause for turnovers becomes progressively more likely as the level of play becomes more advanced, with 8% at club level, 10% at regional level and 19% at international level accounting for successful turnovers.

Table 7

Differences in the distribution of reasons for successful goal inbounds and side inbounds play among the three levels of competition

Reasons	Incidence of Reason	% of game play	Comments
Club level: Successful events (n = 182)			
Goal inbounds (n = 79)			
Good passing	22	28%	Success due to poor defense by opposition
Good wheeling	15	19%	
Poor defense	42	53%	
Side inbounds (n = 103)			
Good passing	24	24%	Success due to poor defense by opposition
Good wheeling	18	18%	
Poor defense	60	58%	
Regional level: Successful events (n = 257)			
Goal inbounds (n = 100)			
Good passing	42	42%	Success due to own good passing and good wheeling
Good wheeling	35	35%	
Poor defense	23	23%	
Side inbounds (n = 157)			
Good passing	47	30%	Success due to poor defense by opposition
Good wheeling	29	18%	
Poor defense	81	52%	
International level: Successful events (n = 383)			
Goal inbounds (n = 238)			
Good passing	123	52%	Success due to own good passing and good wheeling
Good wheeling	96	40%	
Poor defense	19	8%	
Side inbounds (n = 145)			
Good passing	61	42%	Success due to own good passing and good wheeling
Good wheeling	50	34%	
Poor defense	34	24%	

Table 8

Differences in the distribution of reasons for turnovers among the three levels of competition

Reasons	Incidence of Reason	% of game play	Comments
Club level: Turnovers (successful events) (n = 223)			
Good defense	18	8%	Success due to poor passing by opponents
Poor passing	147	66%	
Poor wheeling	16	7%	
Court violation	20	9%	
Other	22	10%	
Regional level: Turnovers (successful events) (n = 325)			
Good defense	31	10%	Success due to poor passing by opponents
Poor passing	218	67%	
Poor wheeling	33	10%	
Court violation	22	7%	
Other	21	6%	
International level: Turnovers (successful events) (n = 119)			
Good defense	23	19%	Success due to poor passing by opponents
Poor passing	63	53%	
Poor wheeling	8	7%	
Court violation	11	9%	
Other	14	12%	

Unsuccessful goal inbounds and side inbounds plays

Table 9 presents the results of the analysis of reasons for unsuccessful goal and side inbounds play. Poor passing by opponents or own poor passing accounted for a large proportion of unsuccessful play on every level. At club level, 57% (goal inbounds) and 64% (side inbounds) of unsuccessful play was due to own poor passing. At regional level 65% (goal inbounds) and 56% (side inbounds) of unsuccessful play was due to own poor passing.

At international level there was a difference in how poor passing contributes to unsuccessful play. For goal inbounds, 41% of own poor passing was the cause of unsuccessful play, but another category "other" accounted for 40%. When looking at side

Table 9

Differences in the distribution of reasons for unsuccessful goal inbounds and side inbounds play among the three levels of competition

Reasons	Incidence of Reason	% of game play	Comments
Club level: Unsuccessful events (n = 292)			
Goal inbounds (n = 188)			
Poor passing	107	57%	Lack of success due to poor passing by opposition
Poor wheeling	25	13%	
Court violation	14	7%	
Good defense	18	10%	
Other	24	13%	
Side inbounds (n = 104)			
Poor passing	67	64%	Lack of success due to own poor passing
Poor wheeling	10	10%	
Court violation	5	5%	
Good defense	3	3%	
Other	19	18%	
Regional level: Unsuccessful events (n = 434)			
Goal inbounds (n = 242)			
Poor passing	161	67%	Lack of success due to own poor passing
Poor wheeling	25	10%	
Court violation	10	4%	
Good defense	21	9%	
Other	25	10%	
Side inbounds (n = 192)			
Poor passing	108	56%	Lack of success due to own poor passing
Poor wheeling	17	9%	
Court violation	14	7%	
Good defense	25	13%	
Other	28	15%	
International level: Unsuccessful events (n = 229)			
Goal inbounds (n = 181)			
Poor passing	73	41%	Lack of success due to own poor passing and “other”
Poor wheeling	8	4%	
Court violation	8	4%	
Good defense	19	11%	
Other	73	40%	
Side inbounds (n = 48)			
Poor passing	7	15%	Lack of success due to “other”
Poor wheeling	3	6%	
Court violation	4	8%	
Good defense	10	21%	
Other	24	50%	

inbounds, poor passing (15%) was not the dominating reason for lack of success. The category “other” accounted for 50% of unsuccessful plays and good defense by opponents for 21%. Poor passing and reasons falling in the “other” category dominated the unsuccessful goal inbound percentage of events, while good defense and the “other” category dominated the side inbound percentage of events. The kinds of reasons that were categorized as “other” included rule violations that were not included in the original category set, as well as strategic time-outs that are frequently used at international level.

Answer to Research Question Two

Poor passing dominates the reasons for unsuccessful play at all levels of the game. At the international level, it was more likely that one’s opponents would cause a side inbounds play to fail because of their good defensive play, than it was at the regional or club level.

Research Question Three

3. How does the South African National Wheelchair Rugby Team differ from other selected International teams in terms of distribution of events and reasons for successful and unsuccessful play?

The following sections provide a comparison between the performance of the South African National Wheelchair Rugby team at the Oceania Zone tournament and the other three national teams that participated at that tournament.

Distribution of events

There was a clear difference in the distribution of successful and unsuccessful events between the South African team and the international teams (see Table 10). The success rate for South Africa was 37% while the success rate for the international teams was 58%. The rate of unsuccessful play for South Africa was 55% and for the international teams was only 23%. This was not surprising since South Africa finished last in the tournament. The successful turnover rate for the international teams was 19%, more than twice the rate achieved by South Africa (8%).

Table 10

A comparison of differences in the distribution of events at the international level for South Africa vs. other international teams

South Africa at the international level (N = 196)			
Successful	73	37%	Comments
Goal Inbounds	48	25%	More success on Goal Inbounds than on Side Inbounds
Side Inbounds	25	13%	
Turnovers	15	8%	
Unsuccessful	108	55%	
Goal Inbounds	89	45%	More unsuccessful on Goal Inbounds than on Side Inbounds
Side Inbounds	19	10%	
International level without South Africa (N = 535)			
Successful	310	58%	
Goal Inbounds	190	36%	More success on Goal Inbounds than on Side Inbounds
Side Inbounds	120	22%	
Turnovers	104	19%	
Unsuccessful	121	23%	
Goal Inbounds	92	17%	More unsuccessful on Goal Inbounds than on Side Inbounds
Side Inbounds	29	5%	

Successful goal inbounds and side inbounds plays

Table 11 presents the results of the analysis of reasons for successful goal inbounds and side inbounds plays. Both the South African team and the other international teams found success in goal inbounds play due to their own good passing and wheeling (for South Africa, 50% good passing and 42% good wheeling, and for the international teams, 50% passing and 40% wheeling).

When looking at successful side inbounds play, the reasons the South African team had for success was distributed among own good passing (36%), good wheeling (28%), and poor defense by opposition (36%). When South Africa played, poor defense by the opposition was not as common a contributor to successful inbounds plays (21%) as it was when international teams played each other.

Table 11

A comparison of reasons for successful goal inbounds and side inbounds play at the international level for South Africa vs. other international teams

South Africa at the international level: Successful events (n = 73)			
Goal inbounds (n = 48)			
Good passing	28	58%	Success due to own good passing and good wheeling
Good wheeling	20	42%	
Poor defense	0	0%	
Side inbounds (n = 25)			
Good passing	9	36%	Reasons for success distributed among own good passing and good wheeling, and poor defense by opposition.
Good wheeling	7	28%	
Poor defense	9	36%	
International level without South Africa: Successful events (n = 310)			
Goal inbounds (n = 190)			
Good passing	95	50%	Success due to own good passing and good wheeling
Good wheeling	76	40%	
Poor defense	19	10%	
Side Inbounds (n = 120)			
Good passing	52	43%	Success due to own good passing and good wheeling, but poor defense by opponents a factor
Good wheeling	43	36%	
Poor defense	25	21%	

Turnovers (successful plays)

Table 12 presents the reasons for turnovers. Poor passing by opponents accounted for the majority of successful turnovers both for South Africa (60%) and for the international teams (52%). It was interesting to note that the international teams who played South Africa did not commit any court violations (they did not give the ball away on a turnover due to rule violations). However, when the international teams play each other, there were court violations (11%) leading to turnovers.

Table 12

A comparison of reasons for turnovers at the international level for South Africa vs. other international teams

South Africa at the international level: Turnovers (successful events) (n = 15)			
Good defense	3	20%	Success due to poor passing by opponents
Poor passing	9	60%	
Poor wheeling	1	7%	
Court violation	0	0%	Note: no court violations by opponents
Other	2	13%	
International level without South Africa: Turnovers (successful events) (n = 104)			
Good defense	20	18%	Success due to poor passing by opponents
Poor passing	54	52%	
Poor wheeling	7	7%	Note: court violations by opponents
Court violation	11	11%	
Other	12	12%	

Unsuccessful goal inbounds and side inbounds plays

Table 13 presents the reasons for lack of success on goal inbounds and side inbounds plays. South Africa's unsuccessful goal inbounds plays most often could be attributed to their own poor passing (43%). The percentage rate was not much different for international teams, where 38% of the reasons for unsuccessful play were poor passing.

The side inbounds play appeared to present a different challenge. The reason for lack of success for international teams was due to own poor passing only 10% of the time. Good defense by opponents was responsible for 28% of the difficulties of international teams.

The category "other" was a recurring reason for unsuccessful play for both South Africa and for the international teams. South Africa attributed 32% of its goal inbounds losses and 44% of its side inbounds losses to reasons in the "other" category. International teams attributed 47% of their goal inbounds losses and 56% of their side inbounds losses to reasons in the "other" category.

Table 13

A comparison of reasons for unsuccessful goal inbounds and side inbounds play at the international level for South Africa vs. other international teams

South Africa at the International level: Unsuccessful events (n = 108)			
Goal inbounds (n = 181)			
Poor passing	38	43%	Lack of success due to own poor passing
Poor wheeling	5	6%	
Court violation	5	6%	
Good defense	8	9%	
Other	30	34%	
Side inbounds (n = 48)			
Poor passing	4	21%	Lack of success due to “other” category
Poor wheeling	2	11%	
Court violation	3	16%	
Good defense	2	11%	
Other	8	42%	
International level without South Africa: Unsuccessful events (n = 121)			
Goal inbounds (n = 92)			
Poor passing	35	38%	Lack of success due to “other” category and own poor passing is a problem
Poor wheeling	3	3%	
Court violation	0	0%	
Good defense	11	12%	
Other	43	47%	
Side inbounds (n = 29)			
Poor passing	3	10%	Lack of success due to “other” category
Poor wheeling	1	3%	
Court violation	1	3%	
Good defense	8	28%	
Other	16	56%	

Answer to Research Question Three

South Africa was less successful in every type of event when compared to other international teams. South Africa was successful on 45% of their plays, while international teams were successful on 58% of their plays. Poor passing was a problem for all teams. Good passing and good wheeling are critical to successful outcomes for all teams.

Chapter Five

Discussion, Conclusions and Recommendations

The purpose of this study was to determine what skills and tactics distinguish local level competition from top level competition in wheelchair rugby through the use of scientific games analysis. This information can help coaches in South Africa determine what skills and tactics are appropriate at each level and help players identify those capabilities that they need to improve in order to progress to the next level of expertise.

Discussion

Local club and regional level

The majority of unsuccessful goal and side inbounds at both club and regional levels in South Africa were as a result of poor passing, an indication that passing between teammates was not accurate and/or ball handling skills were weak. This is anticipated because all wheelchair rugby players are affected in their arms and/or hands. This weakness does create game situations where possession of the ball is given away to the opponents, rather than the opponents winning the ball through good defensive play.

The majority of successful goal and inbounds were as a result of poor defense by opposition. Ideally, successful play should be a result of good on court skills, such as good passing or good on court agility. Poor defensive tactical play was common at both the local and regional levels, although it should be noted that the percentage of successful goal inbounds as a result of good passing at regional level was greater than at local level.

Another cause for concern at club and regional level was the number of turnovers occurring at local club and regional level. Poor passing, poor court agility and court violations accounted for 90% of the reasons for turnovers. This means that less than 10% of turnovers were as a result of good defense.

Play at the club and regional levels was dominated by turnovers. Turnovers exceeded the total of successful goal and side inbounds. This reflects the low skill and

tactical quality of play at these two levels. There also is not much difference in the quality of play between these two levels.

International level

Having three of the top ten teams in the world at the Oceania Zone tournament, a high standard of play was expected. Among the international teams, 90% of the successful goal inbounds plays were attributed to the skills of the offense (good passing and good wheeling). For side inbounds, 79% of the successful plays were due to the skills of the offense (good passing and good wheeling). South Africa reflected a similar distribution of reasons for success in these categories, with 100% of their successes in goal inbounds due to offensive skill (good passing and good wheeling) and 64% of their side inbounds due to offensive skill (good passing and good wheeling).

Turnovers accounted for less than 20% of game play at international level. This is a huge difference from club and regional level play where turnovers dominated play. Just under 20% of international turnovers were a result of good defense. Compared to levels of defensive play in South Africa, this is a higher standard of tactical execution. Poor passing accounts for over 50% of the reasons for turnovers at international level, suggesting that for players with quadriplegia, ball handling will always be a challenge. Reasons pertaining to the “other” category for turnovers also received a higher percentage at this level compared to local and regional levels in South Africa. Rule violations not included in the category set for games analysis, as well as the use of time outs fall into the “other” category of reasons.

At international level, it is expected that players be close to experts of the game suggesting that rules of the game be used as advantages in certain situations rather than become disadvantages where possession of the ball is lost. Reasons pertaining to the ‘other’ category also make up more than 50% and 40% of the reasons for unsuccessful side and goal inbounds respectively.

Poor passing remained the highest percentage of reasons for unsuccessful goal inbounds. When looking at side inbounds, poor passing only accounted for 14% of the reasons for unsuccessful play. Good defense was more common at the international level, making up 20% for unsuccessful side inbounds and in 10% for unsuccessful goal inbounds.

The difference between South Africa and the other international teams was not the distribution of reasons for success, but rather their success rate. South Africa was successful only 45% of the time. International teams were successful 77% of the time. It is no wonder that South Africa finished last in the tournament

Poor passing, poor wheeling and court violation percentages all decreased for both unsuccessful goal and side inbounds when excluding the South African statistics. Good defense percentages increased as well as the percentage of reasons falling in the 'other' category. There was not a great deal of difference in the percentages of reasons for turnovers. However, the greatest number of turnovers occurred in the games involving South Africa. This means that possession of the ball was gained on turnovers more easily from South Africa than from any of the other three teams that were analysed.

South Africa was found to have the least percentage of successful goal and side inbounds and therefore had the least percentage of good passes as well as good court agility compared to the other three international teams(South Africa also had the least percentage of turnovers resulting from good defense.

South Africa recorded more unsuccessful goal and side inbounds than the other teams. This is because of poor passing.

It is clear that the standard of play in the local club and regional level in South Africa reflects on their international performance. Possession of the ball lost to poor passes and poor on-court agility seem to be a major problem. Percentage of turnovers due to good defense rather than poor passing needs to improve. Successful goal and side inbounds should be as a result of good passing and good on-court agility rather than poor defense.

Conclusions

Local club and regional level

Game play at local club and regional level in South Africa is dominated by turnovers and unsuccessful play. Basic skills such as passing and on-court chair mobility need development. Basic tactical play, especially on defense, is also a major cause for concern at these levels.

Skill and tactical learning are aspects of game play that can be addressed effectively during practice sessions. According to Lyoka (2002), club level players should be at a lower level of performance than regional level players, because regional level players are selected to represent the best of the club players. The results of this study showed that the standard of play at regional level was no different than at club level. This is an indication that either regional level players are not individually better than club players, or that they do not have enough time together to function as a better team than a club level team. This leads to the conclusion that at regional level, there is a problem with either the volume of practice or the quality of team practice sessions, or both.

According to Ericsson's (2001) theory of deliberate practice, the difference between people who excel and people who do not, can be traced back to the type of practice or training they perform. Deliberate practice activities require mental and physical effort and are not the most enjoyable activities to perform, providing no immediate gratification (Baker & Cobley, 2001). An example of deliberate practice would be practicing ball pick-ups off the floor over and over again until it can be done with the least amount of effort, as opposed to playing unfocused games throughout the whole practice session.

The purpose of deliberate practice is to improve the specific, competition-related skills that will net the greatest gains in performance (Baker & Cobley, 2001). Passing, court agility and defensive tactics and strategies are all specific, competition-related aspects that needs hours of practice in order to excel. In order for athletes to attain excellence, Williams (2006) endorsed the so-called "10 year rule" or "10 000 hour" rule as support for provide a large volume of practice over a number of years. According to Starkes and Ericsson (2003), a study conducted on three groups of expert violinists showed

that the calculated number of hours of deliberate practice that they spent was over 10 000 hours, which was 8000 hours greater than amateur violinists. While a direct parallel between pursuing excellence in the violin and playing wheelchair rugby may not be in order, certainly the standard of play of regional teams should benefit from more frequent deliberate practice sessions, sustained over a period of years.

International level

Clearly, the skill and tactical performance of the three international teams in the tournament was much better than the skill level seen at the regional level in South Africa. The South African national team did not match well with the standard of play at the international level, where one expects expert players with expert coaches. There was a trend in performance improvement noted between regional level in South Africa and that of the international teams. The trend, which was more noticeable when the international level was looked at without South Africa, included:

- There were more successful events due to better passing and good court agility.
- Fewer turnovers were noted.
- Of the turnovers that occurred, majority were because of good defensive play as opposed to poor passing or poor court agility.

Was this trend due to better players and a greater volume of practice? Perhaps, but it is not only the amount of practice that is important, but also the quality of practice and the need to engage in the right type of activity coupled with appropriate instruction (Williamson, 2006). The role a coach plays in the organization of practice is crucial, as the coach determines the amount and intensity of practices. Time in practice with a coach may well be a metric for deliberate practice in team sport where expert coaching is available (Starkes & Ericsson, 2003). Considering that three out of the top 10 wheelchair rugby playing countries in the world were at the Oceania Zone tournament, it is no surprise that they have expert full-time coaches. South Africa does not have either a professional coaching structure for wheelchair rugby or a coaching education programme to assist volunteer coaches to raise the standard of the game.

Wheelchair rugby in South Africa

It is clear that the South African national team is behind international teams in terms of skill and tactical game play. Going through the different levels of play, one would expect to see an improvement from local club to regional to national level. In South Africa, however, the standard of play from local club to regional level seems to be very similar, with a marginal improvement to the national teams. One of the reasons for this could be the limited number of players in South Africa. The game of wheelchair rugby is still fairly new to the country and has minimal exposure. A larger pool of players could provide more choices for selectors, which could increase competition and encourage players to train harder to achieve higher levels of individual expertise.

A study by Starkes(2000) determined that the road to expertise is determined by practice and that talent is an early advantage afforded by physical maturation. Thus from childhood, developing the athlete takes motivation and the maintenance of a competitive environment during deliberate practice sessions (Starkes, 2000). Singer and Janelle (1999), determined that genetics as well as deliberate practice combined aids in the level of expertise needed at a high standard of game play. This kind of talent development research is not really applicable to wheelchair rugby, where many of the players were injured in their young adulthood. There has been no sustained opportunity to practice wheelchair rugby over a many years. Talent identification might be possible, but it would difficult. It would have to be developed in the context of looking for persons with quadriplegia who had played invasion sports previously, thus getting some transfer of tactical knowledge/decision making, perceptual skills and some mental skills. Physical transfer of skills would be difficult to conceive, since the damage to the nervous system probably creates the need to learn motor performance skills from the beginning.

This situation puts the stress on quality practices and quality coaching. The small number of players, minimal competition opportunities and transport difficulties mean that every practice session must count. This means that committed and qualified coaches are critical to the development of the sport. In South Africa there is a limited number of expert coaches, therefore having quality practice sessions is a serious challenge. Resources (access to facilities and to transportation) are also a problem at local club level which has implications for volume as well as quality of practice.

Recommendations

The saying “perfect practice makes perfect” may be the key to the improvement of wheelchair rugby players in South Africa. Even though there are various factors limiting the volume and quality of practice sessions for teams, there are certain facets of team sports that can be practiced in any type of environment.

The following plans are suggestions for ways to improve performance standards of wheelchair rugby in South Africa:

- Coaches play a vital role in structuring and organizing practice sessions. Qualified coaches in South Africa are scarce, therefore the implementation of coaching clinics in order to aid the development of expertise in coaching is critical. Gaining insight from qualified coaches from top wheelchair rugby countries may aid this process.
- The implementation of deliberate practice sessions is a definite starting point for improving performance. Focusing on specific aspects of the game in order to reach a level of perfection enhances intensity and concentration during practice sessions. Players must avoid the temptation of coming to practice just to play a few “pick-up” games, and learn to think of practice sessions as learning sessions.
- Recreational play needs to be separated from competitive play. Players need to be made aware of goals and benefits of both aspects of play. Wheelchair rugby for recreational and/or therapeutic benefits can be offered, but must not be confused with competitive wheelchair rugby. Players with recreational interests who are involved in competitive practice sessions disrupt the quality of practice sessions in terms of skill and tactical improvement.
- Learning through observation can make a contribution to improving performance. Observing more successful teams and their patterns of play may also help improve not only the quality of practice sessions but coaching as well. DVD presentations of international teams could be viewed by South African players many times over so that they could begin to get a mental picture of the ways in which top teams play the game.

- The use of sport science support plays a crucial role in any sporting environment. Implementation of strength and conditioning programmes, for example, could help to improve skill performance. Fatigue could be a contributing factor to poor passing statistics at all levels.
- The use of video technology for games analysis could help players see what they are and are not doing on court. Immediate playback can be used by coaches at courtside during rest periods at practice, either to give players feedback on skill performance or to have the group take a look at their tactical performance. Calculating game statistics might give players new insights into the frequency and the reasons for their successful and unsuccessful play. This could help focus on developing strengths as well as addressing weaknesses during practice sessions.

Future Research

Future research using analysis of wheelchair rugby games could include the following:

- Adding additional levels in the category set and determining performance outcomes and reasons for success and failure according to the different classifications of players.
- A more sophisticated category set might reveal different aspects of the game. It would be worthwhile to initiate a project to review all the different category sets used by top teams in the world, and work with experts through the process of consensual validation, to try to come up with models of different category sets, depending on the objectives of games analysis. For example, if a team is particularly interested in its tactical performance, there would be more options for categorizing different aspects of tactical play than were used in this research.
- The analysis of more games at various levels could give a more accurate picture of the levels of wheelchair rugby development. Hughes and Franks (1997) recommended that if a sufficient number of games are analysed, then chi-square statistic can be applied rather than depending on reports of percentages and frequencies. This would raise the level of scientific inquiry in this area.

- Games analysis reveal specific aspects of game play. This can be invaluable when determining the impact of training programmes on game performance. For example, if a strength and conditioning programme was implemented for a specific team, the effect of that programme on their game play before and after implementation could be documented. This is a more relevant piece of information for coaches than the documentation of the amount of improvement in arm strength or flexibility that was achieved through participation in the programme.

Concluding Remarks

Was the application of games analysis to wheelchair rugby helpful in terms of describing differences in levels of play in terms of skills and tactics? Was it helpful in terms of generating information for coaching education? For an initial study, the conclusion is “yes.” There is a role for games analysis in the development of wheelchair rugby.

Research in the area of sport for persons with disabilities is limited, even more so in unique team sports such as wheelchair rugby. The majority of research on wheelchair rugby addresses classification issues. As sport for persons with disabilities is becoming more competitive the need for scientific support becomes more of a necessity. This study intended to determine differences in the standard of play at three different levels by analyzing skills and tactics. Differences identified will be able to help coaches and players alike to work harder to attain a certain level of expert performance. Results have shown that South African teams at both local club and regional level need to improve on skills and tactics in wheelchair rugby. Frequent and more quality practice sessions may be one of the answers to improving the performance of these teams. Certainly, improving the standard of coaching is indicated.

References

- Adrian, Y., McKenzie, A. & Miyahara, M.(2001). Self-efficacy for quad rugby skills and activities of daily living. *Adapted Physical Activity Quarterly*, **18**, 90-101.
- Altmann, V.C., Hart, A. & Parkinson, A.(2005). Wheelchair rugby classification database: Aid to the improvement of classification.[Abstract]. International Paralympic Committee, VISTA 2006 Proceeding.
- Atkinson, G. & Nevill, A.M.(2001). Selected issues in the design and analysis of sport performance research. *Journal of Sports Sciences*, **19**, 811-827.
- Australian Broadcasting Corporation (2005).www.abc.net.au/Paralympics. Retrieved June 13, 2006.
- Baker, J. & Cobley, S. (2001). Does practice make perfect. *Sports Coach*, **24**, 14-15.
- Bartlett, R. (2006). Performance analysis: can bringing together biomechanics and notational analysis benefit coaches? http://cpa.uwic.ac.uk/wcpas7/down/exl_performance-analysis.doc. Retrieved 10 May, 2006.
- Bazylewicz, W.(2006). Disability sports: Training and conditioning. <http://edweb6.educ.msu.edu/kin866/resbazylewicz1.htm>. Retrieved 10 May, 2006.
- Bishop, D. (2006). *Performance analysis: What is performance analysis, and how can it be integrated within the coaching process to benefit performance?* www.pponline.co.uk/encyc/performance-analysis.html. Retrieved 10 May, 2006.
- Bloxham, L.A., Bell, G.J., Bhambhani, Y. & Steadward, D. (2001). Time-motion analysis and physiological profile of Canadian world cup wheelchair basketball players. *Sports Medicine, Training and Rehabilitation*, **10**, 183-198.
- Bunker, D. & Thorpe, R. (1982). A model for teaching games in the secondary schools. *Bulletin of Physical Education*, **18** (1), 5-8.
- Carling, C., Williams, A.M. & Reilly, T. (2005). *Handbook of soccer match analysis: A systematic approach to improving performance*. New York: Routledge.
- Ericsson, K.A. (2001). *Deliberate practice in sports: Identifying the causal mechanisms mediating the acquisition of expert performance*. Unpublished article. Department of Psychology, Florida State University, Florida, USA.

- Franks, I.M. & Goodman, D.(1986). A systematic approach to analyzing sports performance. *Journal of Sports Sciences*, **4**, 49-59.
- Gasston, V. & Simpson, C.(2004). A netball specific fitness test. *International Journal of Performance Analysis in Sport*, **3**, 82-96.
- Glaser, R.(1996). Changing the agency for learning: Acquiring expert performance. In K.A. Ericsson(Ed.), *The road to excellence: The acquisition of expert performance in the arts and sciences, sports and games*, 303-312. Mahwah NJ: Lawrence Erlbaum Associates.
- Graham, J.(2000). Murderball's roots were no accident – Sydney 2000 paralympic games. *The Australian*, **1**, 2-4.
- Great Britain Wheelchair Rugby Association: Basic Plays (2006). www.gb-rugby.com/GBWRADEV/the_game/index.html. Retrieved 11 September, 2006.
- Gréhaigne, J-F. & Godbout, P. (1995). Tactical knowledge in team sports from a constructivist and cognitivist perspective. *Quest*, **47**, 490-505
- Gréhaigne, J-F.; Godbout, P. & Bouthier, D.(1999). The foundations of tactics and strategies in team sports. *Journal of Teaching in Physical Education*, **18**, 159-174.
- Hart, A.L. (2005). Issues in defining minimum eligibility-wheelchair rugby. [Abstract]. International Paralympic Committee, VISTA 2006 Proceeding.
- Hastie, P.A. (1998). Skill and tactical development during a sport education season. *Research Quarterly for Exercise and Sport*, **69**, 368-379.
- Hopper, T. & Kruisselbrink, D.(2006). Teaching games for understanding: What does it look like and how does it influence student skill learning and game performance? www.educ-uvic.ca/Faculty/thopper/WEB/articles/Advante/TGFUmotor_Learn-pdf. Retrieved 11 May, 2006.
- Hughes, M.D. & Bartlett, R.M.(2002). The use of performance indicators in performance analysis. *Journal of Sports Sciences*, **20**, 739-754.
- Hughes, M., Evans, S. & Wells, J.(2001). Establishing normative profiles in performance analysis. *International Journal of Performance Analysis in Sport*, **1**, 1-26.
- Hughes, M. & Franks, I. (1997). *Notational analysis of sport*. 2-6 Boundary row, London: E & FN Spon.
- Iglesias, D., Moreno, M.P., Santos-Rosa, F.J., Cervello, E.M. & Del Villar, F.(2005). Cognitive expertise in sport: Relationships between procedural knowledge, experience and performance in youth basketball. *Journal of Human Movement Studies*, **49**, 65-76
- International Paralympic Committee(2005). www.quadrugby.com/class.htm. Retrieved 22 May, 2005.

- International Wheelchair Rugby Federation rule book(2002-2006). www.gb-rugby.com/GBWRADEV/the_game/index.html. Retrieved 4 April, 2006.
- Jones, N.M.P., Mellalieu, S.D. & James, N. (2004). Team performance indicators as a function of winning and losing in rugby union. *International Journal of Performance Analysis in Sport*, **4**, 61-71.
- Kirk, D. & MacPhail, A.(2002). Teaching games for understanding and situated learning: Rethinking the bunker-thorpe model. *Journal of Teaching in Physical Education*, **21**, 177-292.
- Lauder, A.G. (2001). *Play practice: The teaching games approach to teaching and coaching sports*. Champaign, IL: Human Kinetics
- Liebermann, D.G., Katz, L., Hughes, M.D., Bartlett, R.M., McClements, J. & Franks, I.M.(2002). Advances in the application of information technology to sport performance. *Journal of Sports Sciences*, **20**, 755-769.
- Lyoka, P.A. (2001). *The identification of the distinguishing perceptual-motor characteristics of top-level sport performers*. Unpublished PhD dissertation, Stellenbosch University.
- Malone, L.A.& Orr, K. (2006). Correlation between player classification and skill performance in rugby . International Paralympic Committee, VISTA 2006 Conference Proceedings (CD ROM).
- McPherson, S.L. (1994). The development of sport expertise: Mapping the tactical domain. *Quest*, **46**, 223-240
- McPherson, S.L. & Thomas, J.R. (1989). Relation of knowledge and performance in boys' tennis: Age and expertise. *Journal of Experimental Child Psychology*, **48**, 190-211
- Molik, B., Morgulec, N. & Kosmol, A. (2006). Examination of anaerobic performance in wheelchair rugby athletes by classification level. International Paralympic Committee, VISTA 2006 Proceedings (CD ROM).
- Molik, B., Morgulec, N. Bebenek, J. & Kosmol, A.(2005). Game efficiency as one of classification criterion in wheelchair rugby. International Paralympic Committee, VISTA 2006 Conference Proceedings (CD ROM).
- Nevett, M., Rovengo, I. & Babiarz, M.(2001). Chapter 8. Fourth-grade children's knowledge of cutting, passing and tactics in invasion games after a 12-lesson unit of instruction. *Journal of Teaching in Physical Education*, **20**, 389-401.
- Scanlan, T.K., Stein, G.L. & Ravizza, K.(1991). An in-depth study of former elite figure skater: Sources of stress. *Journal of Sport and Exercise Psychology*, **13**, 103-120.

- Schreiner, P. & Strohkendl, H.(2005). The disappearance of athletes with severe disabilities in wheelchair rugby.[Abstract]. International Paralympic Committee, VISTA 2006 Proceedings.
- Shephard, R.J. (1990). *Fitness in special populations*. Champaign, IL: Human Kinetics
- Singer, R.N. & Janelle, C.M.(1999). Determining sport expertise: From genes to supremes. *International Journal of Sport Psychology*, **30**, 117-150.
- Starkes, J. (2000). The road to expertise: Is practice the only determinant? *International Journal of Sport Psychology*, **31**, 431-451.
- Starkes, J.L. & Ericsson, K.A.(2003). *Expert performance in sports: Advances in research on sport expertise*. Champaign, IL: Human Kinetics.
- Starkes, J.L. & Lindley, S.(1994). Can we hasten expertise by video simulations? *Quest*, **46**, 211-222.
- Thomas, K.T. (1994). The development of sport expertise: From Leeds to MVP legend. *Quest*, **46**, 199-210
- Thomas, K.T. & Thomas, J.R. (1994). Developing expertise in sport: The relation of knowledge and performance. *International Journal of Sport Psychology*, **25**, 295-312
- Thomas, J.R. & Nelson, J.K.(2001). *Research methods in physical activity*. Champaign, IL: Human Kinetics.
- Turner, A. & Martinek, T.J.(1995). Teaching for understanding: Model for improving decision making during game play. *Quest*, **47**, 44-63.
- Vickers, J.N., Livingston, L.F., Umeris-Bohnert, S. & Holden, D.(1999). Decision training: The effects of complex instruction, variable practice and reduced delayed feedback on the acquisition and transfer of a motor skill. *Journal of Sports Sciences*, **17**, 357-367
- Williams, M. (2006). What ever happened to motor behaviour? The missing ingredient for Olympic success. *The Sport and Exercise Scientist*, **8**, 15-16.
- Williamson, D.C.(1997). Principles of classification in competitive sport for participants with disabilities: A proposal. *Palaestra*, **13**, 44-48
- Williams, M. & Davids, K. (1995). Declarative knowledge in sport: A by-product of experience or a characteristic of expertise? *Journal of Sport and Exercise Psychology*, **17**, 259-275
- Wilson, G.E. (2002). A framework for teaching tactical game knowledge. *Journal of Physical Education, Recreation and Dance*, **73**, 20-26.
- Yilla, A.B. & Sherrill, C. (1994). Quad rugby illustrated. *Palaestra*, **10**, 25-31.
- Zbieranowski, P.(2005). Sports chairperson profile: Pawel Zbieranowski. www.ipc.org. Retrieved 1 December, 2005.

APPENDIX A

Validity and Reliability

VALIDITY ANALYSIS GAME 1: HAWKS VS MANDEVILLE

VALIDITY ANALYSIS					
Event	Video Tim	Teams	Events	Outcomes	Reasons
1	00:00:03:1	Hawks	Turnover	Positive	P.P.
2	00:01:14:0	Hawks	Goal Inbou	Negative	P.P.
3	00:02:00:0	Hawks	Goal Inbou	Goal	G.P.
4	00:02:32:1	Hawks	Turnover	Positive	G.D.
5	00:02:52:2	Hawks	Side Inbou	Goal	G.P.
6	00:03:36:1	Hawks	Goal Inbou	Goal	G.P.
7	00:04:31:0	Hawks	Turnover	Positive	P.P.
8	00:04:41:0	Hawks	Side Inbou	Negative	P.P.
9	00:05:07:2	Hawks	Goal Inbou	Goal	G.P.
10	00:07:24:1	Hawks	Goal Inbou	Negative	P.P.
11	00:08:19:2	Hawks	Goal Inbou	Goal	G.P.
12	00:08:52:1	Hawks	Turnover	Positive	P.P.
13	00:09:08:0	Hawks	Side Inbou	Goal	G.P.
14	00:10:22:0	Hawks	Goal Inbou	Negative	P.P.
15	00:11:24:1	Hawks	Turnover	Positive	P.P.
16	00:11:49:1	Hawks	Side Inbou	Goal	G.P.
17	00:12:45:1	Hawks	Side Inbou	Goal	G.P.
18	00:14:05:0	Hawks	Goal Inbou	Goal	G.P.
19	00:15:05:2	Hawks	Turnover	Positive	P.P.
20	00:15:31:2	Hawks	Turnover	Positive	P.P.
21	00:15:45:0	Hawks	Side Inbou	Goal	G.W.
22	00:16:17:2	Hawks	Turnover	Positive	P.P.
23	00:16:42:0	Hawks	Side Inbou	Negative	P.P.
24	00:17:53:0	Hawks	Goal Inbou	Goal	P.D.
25	00:19:56:2	Hawks	Goal Inbou	Negative	G.D.
26	00:20:23:2	Hawks	Side Inbou	Negative	P.W.
27	00:21:33:2	Hawks	Goal Inbou	Goal	P.D.
28	00:22:28:0	Hawks	Turnover	Positive	P.P.
29	00:22:40:2	Hawks	Side Inbou	Goal	P.D.
30	00:23:18:0	Hawks	Turnover	Positive	P.P.
31	00:23:40:1	Hawks	Turnover	Positive	G.D.
32	00:23:58:1	Hawks	Side Inbou	Goal	P.D.
33	00:24:56:1	Hawks	Goal Inbou	Negative	P.P.
34	00:25:26:0	Hawks	Turnover	Positive	G.D.
35	00:25:46:0	Hawks	Side Inbou	Negative	Other
36	00:26:27:0	Hawks	Turnover	Positive	P.P.
37	00:26:44:1	Hawks	Side Inbou	Goal	G.P.
38	00:27:28:0	Hawks	Turnover	Positive	P.W.
39	00:27:46:1	Hawks	Side Inbou	Goal	G.W.
40	00:28:16:1	Hawks	Turnover	Positive	P.P.
41	00:28:28:2	Hawks	Side Inbou	Goal	G.P.
42	00:29:26:2	Hawks	Side Inbou	Negative	10&15sec
43	00:29:54:0	Hawks	Side Inbou	Goal	G.P.
44	00:30:49:1	Hawks	Goal Inbou	Goal	G.P.
45	00:31:42:0	Hawks	Turnover	Positive	P.P.
46	00:31:57:2	Hawks	Side Inbou	Goal	P.D.
47	00:32:37:1	Hawks	Turnover	Positive	P.W.
48	00:32:50:0	Hawks	Side Inbou	Goal	G.W.
49	00:34:03:0	Hawks	Goal Inbou	Negative	Other
50	00:34:40:0	Hawks	Side Inbou	Goal	G.P.
51	00:35:45:1	Hawks	Goal Inbou	Negative	G.D.
52	00:36:26:0	Hawks	Turnover	Positive	G.D.
53	00:37:41:1	Hawks	Goal Inbou	Goal	G.P.
54	00:38:37:2	Hawks	Goal Inbou	Negative	Other
55	00:39:17:1	Hawks	Turnover	Positive	Other
56	00:39:34:1	Hawks	Side Inbou	Negative	Other
57	00:40:03:0	Hawks	Turnover	Goal	P.P.
58	00:41:14:0	Hawks	Goal Inbou	Goal	G.P.
59	00:41:55:1	Hawks	Turnover	Positive	Other
60	00:42:20:0	Hawks	Side Inbou	Goal	G.P.
61	00:43:37:0	Hawks	Goal Inbou	Negative	P.P.
62	00:44:45:1	Hawks	Turnover	Positive	P.P.
63	00:44:55:1	Hawks	Side Inbou	Negative	P.P.
64	00:45:21:1	Hawks	Goal Inbou	Goal	G.P.
65	00:45:49:2	Hawks	Turnover	Positive	P.P.
66	00:46:15:1	Hawks	Side Inbou	Goal	P.D.
67	00:47:01:1	Hawks	Turnover	Positive	P.P.
68	00:48:19:0	Hawks	Goal Inbou	Goal	G.P.
69	00:49:06:0	Hawks	Turnover	Goal	P.P.
70	00:50:14:2	Hawks	Goal Inbou	Negative	Other
71	00:50:51:0	Hawks	Side Inbou	Negative	Other
72	00:52:29:1	Hawks	Goal Inbou	Goal	G.P.
73	00:53:09:0	Hawks	Turnover	Positive	P.P.
74	00:53:33:1	Hawks	Side Inbou	Goal	P.D.
75	00:54:29:0	Hawks	Goal Inbou	Negative	P.W.
76	00:55:07:0	Hawks	Turnover	Goal	P.P.
77	00:55:25:1	Hawks	Turnover	Positive	P.P.
78	00:55:34:1	Hawks	Side Inbou	Goal	P.D.
79	00:56:25:0	Hawks	Goal Inbou	Goal	G.W.
80	00:57:04:0	Hawks	Turnover	Positive	P.P.
81	00:57:14:2	Hawks	Side Inbou	Goal	P.D.
82	00:57:39:1	Hawks	Turnover	Goal	P.P.
83	00:58:06:1	Hawks	Turnover	Positive	P.P.

ORIGINAL ANALYSIS					
Event	Video Tim	Teams	Events	Outcomes	Reasons
1	00:00:06:0	Hawks	Turnover	Positive	P.P.
2	00:01:09:2	Hawks	Goal Inbou	Negative	P.P.
3	00:02:00:1	Hawks	Goal Inbou	Goal	G.P.
4	00:02:28:2	Hawks	Turnover	Positive	G.D.
5	00:02:50:0	Hawks	Side Inbou	Goal	G.P.
6	00:03:34:0	Hawks	Goal Inbou	Goal	G.P.
7	00:04:26:1	Hawks	Turnover	Positive	P.P.
8	00:04:43:2	Hawks	Side Inbou	Negative	P.P.
9	00:05:06:0	Hawks	Goal Inbou	Goal	G.P.
10	00:07:20:2	Hawks	Goal Inbou	Negative	P.P.
11	00:08:16:1	Hawks	Goal Inbou	Goal	G.P.
12	00:08:51:1	Hawks	Turnover	Positive	P.P.
13	00:09:07:2	Hawks	Side Inbou	Goal	P.D.
14	00:09:46:1	Hawks	Turnover	Positive	P.P.
15	00:10:21:0	Hawks	Goal Inbou	Negative	P.P.
16	00:11:20:1	Hawks	Turnover	Positive	P.P.
17	00:11:51:0	Hawks	Side Inbou	Goal	G.P.
18	00:12:23:1	Hawks	Turnover	Positive	other
19	00:12:57:0	Hawks	Side Inbou	Goal	G.P.
20	00:14:03:0	Hawks	Goal Inbou	Goal	G.P.
21	00:15:32:1	Hawks	Turnover	Positive	P.P.
22	00:15:42:1	Hawks	Side Inbou	Goal	P.D.
23	00:16:15:1	Hawks	Turnover	Positive	P.P.
24	00:16:43:0	Hawks	Side Inbou	Negative	P.P.
25	00:17:54:0	Hawks	Goal Inbou	Goal	P.D.
26	00:19:58:0	Hawks	Goal Inbou	Negative	G.D.
27	00:20:21:1	Hawks	Side Inbou	Negative	P.W.
28	00:21:25:1	Hawks	Goal Inbou	Goal	P.D.
29	00:22:28:1	Hawks	Turnover	Positive	P.P.
30	00:22:40:0	Hawks	Side Inbou	Goal	P.D.
31	00:23:17:0	Hawks	Turnover	Positive	P.P.
32	00:23:44:0	Hawks	Turnover	Positive	G.D.
33	00:23:55:1	Hawks	Side Inbou	Goal	P.D.
34	00:24:54:0	Hawks	Goal Inbou	Negative	P.P.
35	00:25:26:1	Hawks	Turnover	Positive	G.D.
36	00:25:41:0	Hawks	Side Inbou	Negative	other
37	00:26:21:0	Hawks	Turnover	Positive	P.P.
38	00:26:48:1	Hawks	Side Inbou	Goal	G.P.
39	00:27:24:1	Hawks	Turnover	Positive	P.P.
40	00:27:44:0	Hawks	Side Inbou	Goal	G.W.
41	00:28:15:1	Hawks	Turnover	Positive	P.P.
42	00:28:30:0	Hawks	Side Inbou	Goal	G.P.
43	00:29:27:0	Hawks	Side Inbou	Negative	10&15sec
44	00:29:52:1	Hawks	Side Inbou	Goal	G.P.
45	00:30:53:0	Hawks	Goal Inbou	Goal	G.P.
46	00:31:40:0	Hawks	Turnover	Positive	P.P.
47	00:31:55:1	Hawks	Side Inbou	Goal	P.D.
48	00:32:36:2	Hawks	Turnover	Positive	P.W.
49	00:32:45:2	Hawks	Side Inbou	Goal	G.W.
50	00:33:58:2	Hawks	Goal Inbou	Negative	other
51	00:35:44:2	Hawks	Goal Inbou	Negative	G.D.
52	00:36:32:1	Hawks	Turnover	Positive	P.P.
53	00:37:40:2	Hawks	Goal Inbou	Goal	G.P.
54	00:38:35:1	Hawks	Goal Inbou	Negative	other
55	00:39:19:0	Hawks	Turnover	Positive	other
56	00:39:31:0	Hawks	Side Inbou	Negative	other
57	00:40:01:1	Hawks	Turnover	Goal	P.P.
58	00:41:10:0	Hawks	Goal Inbou	Goal	G.P.
59	00:41:59:0	Hawks	Turnover	Positive	other
60	00:42:19:1	Hawks	Side Inbou	Positive	P.D.
61	00:43:34:1	Hawks	Goal Inbou	Negative	P.P.
62	00:44:41:1	Hawks	Turnover	Positive	P.P.
63	00:44:56:0	Hawks	Side Inbou	Negative	P.P.
64	00:45:21:1	Hawks	Goal Inbou	Goal	G.P.
65	00:46:15:1	Hawks	Side Inbou	Goal	P.D.
66	00:47:04:1	Hawks	Turnover	Positive	P.P.
67	00:48:18:1	Hawks	Goal Inbou	Goal	G.P.
68	00:49:04:1	Hawks	Turnover	Goal	P.P.
69	00:50:15:1	Hawks	Goal Inbou	Negative	other
70	00:50:50:0	Hawks	Side Inbou	Negative	other
71	00:52:27:2	Hawks	Goal Inbou	Goal	G.P.
72	00:53:07:0	Hawks	Turnover	Positive	P.P.
73	00:53:34:0	Hawks	Side Inbou	Goal	P.D.
74	00:54:30:2	Hawks	Goal Inbou	Negative	P.W.
75	00:54:58:1	Hawks	Turnover	Goal	P.P.
76	00:55:22:2	Hawks	Turnover	Positive	P.P.
77	00:55:35:0	Hawks	Side Inbou	Goal	P.D.
78	00:56:24:0	Hawks	Goal Inbou	Goal	G.W.
79	00:57:03:1	Hawks	Turnover	Positive	P.P.
80	00:57:13:2	Hawks	Side Inbou	Goal	P.D.
81	00:57:30:2	Hawks	Turnover	Goal	P.P.
82	00:57:58:2	Hawks	Turnover	Positive	P.P.

VALIDITY ANALYSIS					
Event	Video Tim	Teams	Events	Outcomes	Reasons
84	00:00:05:0	Mndvle	Side Inbou	Negative	P.P.
85	00:00:15:1	Mndvle	Turnover	Positive	P.P.
86	00:00:25:2	Mndvle	Side Inbou	Goal	P.D.
87	00:01:15:2	Mndvle	Turnover	Positive	P.P.
88	00:01:33:0	Mndvle	Side Inbou	Goal	P.D.
89	00:02:29:1	Mndvle	Goal Inbou	Negative	P.P.
90	00:03:10:0	Mndvle	Goal Inbou	Goal	G.W.
91	00:04:02:1	Mndvle	Goal Inbou	Negative	P.P.
92	00:04:54:0	Mndvle	Turnover	Goal	P.P.
93	00:05:42:0	Mndvle	Goal Inbou	Negative	G.D.
94	00:06:10:2	Mndvle	Side Inbou	Negative	Other
95	00:06:52:1	Mndvle	Side Inbou	Goal	P.D.
96	00:07:40:1	Mndvle	Turnover	Positive	P.P.
97	00:08:00:0	Mndvle	Side Inbou	Goal	G.W.
98	00:08:50:0	Mndvle	Goal Inbou	Negative	P.P.
99	00:09:39:0	Mndvle	Goal Inbou	Negative	P.P.
100	00:10:05:1	Mndvle	Side Inbou	Goal	G.P.
101	00:10:31:0	Mndvle	Turnover	Positive	P.P.
102	00:11:13:1	Mndvle	Side Inbou	Negative	G.D.
103	00:12:12:1	Mndvle	Goal Inbou	Negative	Other
104	00:13:38:0	Mndvle	Goal Inbou	Goal	G.W.
105	00:14:39:2	Mndvle	Goal Inbou	Negative	P.W.
106	00:15:09:0	Mndvle	Turnover	Positive	P.P.
107	00:15:24:1	Mndvle	Side Inbou	Negative	P.P.
108	00:16:10:1	Mndvle	Goal Inbou	Negative	P.P.
109	00:16:43:0	Mndvle	Turnover	Positive	P.P.
110	00:17:07:1	Mndvle	Side Inbou	Negative	G.D.
111	00:17:30:0	Mndvle	Side Inbou	Goal	P.D.
112	00:18:32:0	Mndvle	Goal Inbou	Negative	Other
113	00:19:33:1	Mndvle	Side Inbou	Goal	P.D.
114	00:20:41:0	Mndvle	Turnover	Positive	P.W.
115	00:21:01:1	Mndvle	Side Inbou	Goal	G.W.
116	00:22:15:0	Mndvle	Goal Inbou	Negative	P.P.
117	00:23:11:1	Mndvle	Goal Inbou	Negative	P.P.
118	00:23:25:0	Mndvle	Turnover	Positive	C.V.
119	00:23:36:0	Mndvle	Side Inbou	Negative	P.P.
120	00:24:24:0	Mndvle	Goal Inbou	Goal	G.W.
121	00:25:03:1	Mndvle	Turnover	Positive	P.P.
122	00:25:17:2	Mndvle	Side Inbou	Negative	G.D.
123	00:25:48:1	Mndvle	Turnover	Positive	Other
124	00:26:20:0	Mndvle	Side Inbou	Negative	P.P.
125	00:27:16:0	Mndvle	Goal Inbou	Negative	P.W.
126	00:28:14:1	Mndvle	Goal Inbou	Negative	P.P.
127	00:28:48:0	Mndvle	Goal Inbou	Negative	Other
128	00:30:14:1	Mndvle	Goal Inbou	Goal	G.P.
129	00:31:35:1	Mndvle	Goal Inbou	Negative	P.P.
130	00:32:28:0	Mndvle	Goal Inbou	Negative	P.W.
131	00:33:16:0	Mndvle	Goal Inbou	Negative	P.P.
132	00:33:35:0	Mndvle	Side Inbou	Goal	G.W.
133	00:34:58:0	Mndvle	Goal Inbou	Goal	P.D.
134	00:35:50:1	Mndvle	Turnover	Positive	G.D.
135	00:36:25:2	Mndvle	Side Inbou	Negative	P.P.
136	00:36:56:1	Mndvle	Turnover	Positive	P.P.
137	00:37:16:2	Mndvle	Side Inbou	Goal	G.W.
138	00:38:07:0	Mndvle	Goal Inbou	Goal	G.W.
139	00:38:55:1	Mndvle	Turnover	Positive	Other
140	00:39:09:2	Mndvle	Side Inbou	Negative	Other
141	00:39:37:2	Mndvle	Turnover	Positive	Other
142	00:39:52:1	Mndvle	Side Inbou	Negative	P.P.
143	00:40:28:1	Mndvle	Goal Inbou	Negative	Other
144	00:40:54:0	Mndvle	Side Inbou	Goal	P.D.
145	00:41:49:0	Mndvle	Goal Inbou	Negative	Other
146	00:42:35:1	Mndvle	Goal Inbou	Negative	G.D.
147	00:43:12:1	Mndvle	Side Inbou	Goal	P.D.
148	00:44:40:1	Mndvle	Goal Inbou	Negative	P.P.
149	00:45:01:2	Mndvle	Turnover	Goal	P.P.
150	00:45:44:1	Mndvle	Goal Inbou	Negative	P.P.
151	00:46:51:1	Mndvle	Goal Inbou	Negative	P.P.
152	00:47:20:1	Mndvle	Turnover	Positive	Other
153	00:47:47:1	Mndvle	Side Inbou	Goal	G.W.
154	00:48:54:0	Mndvle	Goal Inbou	Negative	P.P.
155	00:49:31:1	Mndvle	Goal Inbou	Goal	G.W.
156	00:50:51:2	Mndvle	Turnover	Positive	C.V.
157	00:51:12:2	Mndvle	Side Inbou	Negative	P.P.
158	00:51:40:0	Mndvle	Side Inbou	Goal	P.D.
159	00:53:04:2	Mndvle	Goal Inbou	Negative	P.P.
160	00:53:45:0	Mndvle	Goal Inbou	Goal	P.D.
161	00:54:40:0	Mndvle	Turnover	Positive	P.W.
162	00:54:56:0	Mndvle	Side Inbou	Negative	P.P.
163	00:55:21:1	Mndvle	Goal Inbou	Negative	P.P.
164	00:55:57:0	Mndvle	Goal Inbou	Goal	G.P.
165	00:56:58:1	Mndvle	Goal Inbou	Negative	P.P.
166	00:57:23:1	Mndvle	Goal Inbou	Negative	P.P.
167	00:57:47:0	Mndvle	Goal Inbou	Negative	P.P.

ORIGINAL ANALYSIS					
Event	Video Tim	Teams	Events	Outcomes	Reasons
83	00:00:01:1	Mandeville	Side Inbou	Negative	P.P.
84	00:00:11:1	Mandeville	Turnover	Positive	P.P.
85	00:00:22:0	Mandeville	Side Inbou	Goal	P.D.
86	00:01:14:0	Mandeville	Turnover	Positive	P.P.
87	00:01:26:1	Mandeville	Side Inbou	Goal	P.D.
88	00:02:29:0	Mandeville	Goal Inbou	Negative	P.P.
89	00:03:02:2	Mandeville	Goal Inbou	Goal	G.W.
90	00:04:01:0	Mandeville	Goal Inbou	Negative	P.P.
91	00:04:53:1	Mandeville	Turnover	Goal	P.P.
92	00:05:39:1	Mandeville	Goal Inbou	Negative	G.D.
93	00:06:12:0	Mandeville	Side Inbou	Negative	other
94	00:06:54:2	Mandeville	Side Inbou	Goal	P.D.
95	00:07:37:0	Mandeville	Turnover	Positive	G.D.
96	00:07:52:1	Mandeville	Side Inbou	Goal	P.D.
97	00:08:48:1	Mandeville	Goal Inbou	Negative	P.P.
98	00:09:40:1	Mandeville	Goal Inbou	Negative	P.P.
99	00:10:01:1	Mandeville	Side Inbou	Goal	G.P.
100	00:10:45:1	Mandeville	Turnover	Positive	P.P.
101	00:11:07:0	Mandeville	Side Inbou	Negative	P.W.
102	00:12:11:0	Mandeville	Goal Inbou	Negative	other
103	00:13:36:0	Mandeville	Goal Inbou	Goal	G.W.
104	00:14:35:1	Mandeville	Goal Inbou	Negative	P.W.
105	00:15:05:1	Mandeville	Turnover	Positive	P.P.
106	00:15:22:1	Mandeville	Side Inbou	Negative	P.P.
107	00:16:09:0	Mandeville	Goal Inbou	Negative	P.W.
108	00:16:42:1	Mandeville	Turnover	Positive	P.P.
109	00:17:05:0	Mandeville	Side Inbou	Negative	P.W.
110	00:17:30:0	Mandeville	Side Inbou	Goal	P.D.
111	00:18:31:0	Mandeville	Goal Inbou	Negative	other
112	00:19:36:0	Mandeville	Side Inbou	Goal	P.D.
113	00:20:43:0	Mandeville	Turnover	Positive	P.W.
114	00:20:55:1	Mandeville	Side Inbou	Goal	G.P.
115	00:22:13:1	Mandeville	Goal Inbou	Negative	P.P.
116	00:23:12:1	Mandeville	Goal Inbou	Negative	P.P.
117	00:23:25:1	Mandeville	Turnover	Positive	C.V.
118	00:23:35:2	Mandeville	Side Inbou	Negative	P.P.
119	00:24:24:0	Mandeville	Goal Inbou	Goal	G.W.
120	00:25:00:0	Mandeville	Turnover	Positive	P.P.
121	00:25:17:2	Mandeville	Side Inbou	Negative	G.D.
122	00:25:48:1	Mandeville	Turnover	Positive	other
123	00:26:18:2	Mandeville	Side Inbou	Negative	P.P.
124	00:27:17:1	Mandeville	Goal Inbou	Negative	P.W.
125	00:28:13:1	Mandeville	Goal Inbou	Negative	P.P.
126	00:28:46:0	Mandeville	Goal Inbou	Negative	other
127	00:30:14:0	Mandeville	Goal Inbou	Goal	G.P.
128	00:31:32:2	Mandeville	Goal Inbou	Negative	P.P.
129	00:32:28:1	Mandeville	Goal Inbou	Negative	P.W.
130	00:33:15:1	Mandeville	Goal Inbou	Negative	P.P.
131	00:33:36:0	Mandeville	Side Inbou	Goal	G.W.
132	00:34:57:0	Mandeville	Goal Inbou	Goal	P.D.
133	00:35:55:1	Mandeville	Turnover	Positive	G.D.
134	00:36:22:0	Mandeville	Side Inbou	Negative	P.P.
135	00:36:59:2	Mandeville	Turnover	Positive	P.P.
136	00:37:14:1	Mandeville	Side Inbou	Goal	G.W.
137	00:38:08:2	Mandeville	Goal Inbou	Goal	P.D.
138	00:38:49:1	Mandeville	Turnover	Positive	other
139	00:39:08:0	Mandeville	Side Inbou	Negative	other
140	00:39:32:2	Mandeville	Turnover	Positive	other
141	00:39:50:2	Mandeville	Side Inbou	Negative	P.P.
142	00:40:28:1	Mandeville	Goal Inbou	Negative	other
143	00:40:53:0	Mandeville	Side Inbou	Goal	P.D.
144	00:41:46:0	Mandeville	Goal Inbou	Negative	other
145	00:42:34:1	Mandeville	Goal Inbou	Negative	P.W.
146	00:43:11:0	Mandeville	Side Inbou	Goal	P.D.
147	00:44:40:0	Mandeville	Goal Inbou	Negative	P.P.
148	00:44:56:1	Mandeville	Turnover	Goal	P.P.
149	00:45:44:0	Mandeville	Goal Inbou	Negative	P.P.
150	00:46:50:0	Mandeville	Goal Inbou	Negative	P.P.
151	00:47:18:0	Mandeville	Turnover	Positive	other
152	00:47:41:1	Mandeville	Side Inbou	Goal	P.D.
153	00:48:54:1	Mandeville	Goal Inbou	Negative	P.P.
154	00:49:22:2	Mandeville	Goal Inbou	Goal	P.D.
155	00:50:51:0	Mandeville	Turnover	Positive	C.V.
156	00:51:10:0	Mandeville	Side Inbou	Negative	P.P.
157	00:51:39:2	Mandeville	Side Inbou	Goal	P.D.
158	00:53:06:2	Mandeville	Goal Inbou	Negative	P.P.
159	00:53:46:0	Mandeville	Goal Inbou	Goal	P.D.
160	00:54:39:0	Mandeville	Turnover	Positive	P.W.
161	00:54:55:0	Mandeville	Side Inbou	Negative	P.P.
162	00:55:19:2	Mandeville	Goal Inbou	Negative	P.P.
163	00:55:53:2	Mandeville	Goal Inbou	Goal	G.P.
164	00:56:57:2	Mandeville	Goal Inbou	Negative	P.P.
165	00:57:24:0	Mandeville	Goal Inbou	Negative	P.P.
166	00:57:46:1	Mandeville	Goal Inbou	Negative	P.P.

VALIDITY ANALYSIS GAME 2: WPA VS NGAUT. B

VALIDITY ANALYSIS						ORIGINAL ANALYSIS					
Event	Video Tim	Teams	Events	Outcomes	Reasons	Event	Video Tim	Teams	Events	Outcomes	Reasons
1	00:01:38:0	WPA	Turnover	Goal	P.D.	1	00:01:36:2	W.P.A.	Turnover	Goal	P.D.
2	00:02:23:2	WPA	Turnover	Goal	P.P.	2	00:02:24:1	W.P.A.	Turnover	Goal	P.P.
3	00:03:00:1	WPA	Turnover	Goal	P.P.	3	00:03:06:1	W.P.A.	Turnover	Goal	P.P.
4	00:03:48:1	WPA	Turnover	Positive	P.P.	4	00:03:49:2	W.P.A.	Turnover	Positive	P.P.
5	00:04:16:1	WPA	Side Inbou	Goal	G.P.	5	00:04:10:2	W.P.A.	Side Inbou	Goal	G.P.
6	00:04:51:1	WPA	Turnover	Goal	P.P.	6	00:04:46:0	W.P.A.	Turnover	Goal	P.P.
7	00:06:06:1	WPA	Goal Inbou	Goal	G.P.	7	00:06:03:0	W.P.A.	Goal Inbou	Goal	P.D.
8	00:06:44:1	WPA	Turnover	Positive	Other	8	00:06:52:1	W.P.A.	Turnover	Positive	Other -
9	00:07:30:0	WPA	Side Inbou	Negative	P.P.	9	00:07:29:1	W.P.A.	Side Inbou	Negative	P.P.
10	00:08:34:0	WPA	Side Inbou	Negative	P.P.	10	00:08:32:2	W.P.A.	Side Inbou	Negative	P.P.
11	00:08:57:2	WPA	Side Inbou	Goal	P.D.	11	00:08:55:0	W.P.A.	Side Inbou	Goal	P.D.
12	00:09:23:0	WPA	Turnover	Positive	P.P.	12	00:09:26:2	W.P.A.	Turnover	Positive	P.P.
13	00:09:43:1	WPA	Side Inbou	Negative	G.D.	13	00:09:41:0	W.P.A.	Side Inbou	Negative	G.D.
14	00:09:59:1	WPA	Side Inbou	Goal	G.W.	14	00:09:59:0	W.P.A.	Side Inbou	Goal	G.W.
15	00:11:14:1	WPA	Turnover	Positive	P.W.	15	00:11:16:1	W.P.A.	Turnover	Positive	P.W.
16	00:11:45:2	WPA	Side Inbou	Negative	P.W.	16	00:11:48:0	W.P.A.	Side Inbou	Negative	P.W.
17	00:12:19:1	WPA	Turnover	Positive	G.D.	17	00:12:16:1	W.P.A.	Turnover	Positive	G.D.
18	00:12:29:0	WPA	Side Inbou	Goal	P.D.	18	00:12:27:0	W.P.A.	Side Inbou	Goal	P.D.
19	00:13:29:1	WPA	Goal Inbou	Negative	P.W.	19	00:13:31:0	W.P.A.	Goal Inbou	Negative	P.W.
20	00:14:15:0	WPA	Side Inbou	Negative	10&15sec	20	00:14:15:0	W.P.A.	Side Inbou	Negative	10&15sec
21	00:15:03:1	WPA	Turnover	Goal	P.P.	21	00:15:05:1	W.P.A.	Turnover	Goal	P.P.
22	00:15:34:0	WPA	Turnover	Goal	P.P.	22	00:15:33:1	W.P.A.	Turnover	Goal	P.P.
23	00:15:57:2	WPA	Turnover	Goal	P.P.	23	00:15:58:1	W.P.A.	Turnover	Goal	P.P.
24	00:16:20:1	WPA	Turnover	Positive	P.P.	24	00:16:20:1	W.P.A.	Turnover	Positive	P.P.
25	00:16:38:0	WPA	Side Inbou	Goal	G.P.	25	00:16:32:0	W.P.A.	Side Inbou	Goal	G.P.
26	00:17:14:1	WPA	Turnover	Positive	P.W.	26	00:17:51:1	W.P.A.	Turnover	Positive	P.W.
27	00:18:12:1	WPA	Side Inbou	Negative	P.P.	27	00:18:12:2	W.P.A.	Side Inbou	Negative	P.P.
28	00:19:05:0	WPA	Turnover	Positive	P.P.	28	00:19:05:1	W.P.A.	Turnover	Positive	P.P.
29	00:19:32:0	WPA	Side Inbou	Negative	P.W.	29	00:19:31:2	W.P.A.	Side Inbou	Negative	P.W.
30	00:20:11:2	WPA	Turnover	Positive	P.P.	30	00:20:13:0	W.P.A.	Turnover	Positive	P.P.
31	00:20:36:0	WPA	Side Inbou	Goal	G.P.	31	00:20:34:0	W.P.A.	Side Inbou	Goal	G.P.
32	00:21:20:1	WPA	Turnover	Positive	P.P.	32	00:21:22:1	W.P.A.	Turnover	Positive	P.P.
33	00:21:40:1	WPA	Side Inbou	Negative	P.P.	33	00:21:37:0	W.P.A.	Side Inbou	Negative	P.P.
34	00:22:12:1	WPA	Turnover	Positive	P.P.	34	00:22:12:0	W.P.A.	Turnover	Positive	P.P.
35	00:22:34:2	WPA	Side Inbou	Negative	P.P.	35	00:22:35:2	W.P.A.	Side Inbou	Negative	P.P.
36	00:23:04:0	WPA	Side Inbou	Goal	G.P.	36	00:23:04:1	W.P.A.	Side Inbou	Goal	G.P.
37	00:24:02:1	WPA	Goal Inbou	Negative	P.P.	37	00:24:01:1	W.P.A.	Goal Inbou	Negative	P.P.
38	00:24:53:2	WPA	Side Inbou	Goal	G.W.	38	00:24:49:0	W.P.A.	Side Inbou	Goal	P.D.
39	00:25:18:0	WPA	Turnover	Positive	P.W.	39	00:25:26:2	W.P.A.	Turnover	Positive	P.W.
40	00:25:48:0	WPA	Side Inbou	Negative	P.W.	40	00:25:46:1	W.P.A.	Side Inbou	Negative	P.W.
41	00:26:38:1	WPA	Goal Inbou	Negative	P.P.	41	00:26:37:0	W.P.A.	Goal Inbou	Negative	P.P.
42	00:27:17:0	WPA	Side Inbou	Goal	P.D.	42	00:27:16:2	W.P.A.	Side Inbou	Goal	P.D.
43	00:28:22:1	WPA	Turnover	Positive	P.P.	43	00:28:24:2	W.P.A.	Turnover	Positive	P.P.
44	00:28:44:0	WPA	Side Inbou	Goal	G.P.	44	00:28:45:1	W.P.A.	Side Inbou	Goal	G.P.
45	00:29:26:0	WPA	Turnover	Positive	P.P.	45	00:29:27:1	W.P.A.	Turnover	Positive	P.P.
46	00:30:09:1	WPA	Side Inbou	Goal	G.P.	46	00:30:07:0	W.P.A.	Side Inbou	Goal	P.D.
47	00:30:28:0	WPA	Turnover	Positive	P.P.	47	00:30:26:2	W.P.A.	Turnover	Positive	P.P.
48	00:30:55:1	WPA	Side Inbou	Goal	G.P.	48	00:30:54:0	W.P.A.	Side Inbou	Goal	P.D.
49	00:31:29:2	WPA	Turnover	Goal	P.P.	49	00:31:29:0	W.P.A.	Turnover	Goal	P.P.
50	00:31:53:0	WPA	Turnover	Goal	P.P.	50	00:32:04:0	W.P.A.	Turnover	Goal	P.P.
51	00:32:25:1	WPA	Turnover	Positive	P.P.	51	00:32:25:1	W.P.A.	Turnover	Positive	P.P.
52	00:32:45:1	WPA	Side Inbou	Goal	P.D.	52	00:32:42:1	W.P.A.	Side Inbou	Goal	P.D.
53	00:34:04:1	WPA	Turnover	Positive	P.W.	53	00:34:06:1	W.P.A.	Turnover	Positive	P.W.
54	00:34:33:1	WPA	Side Inbou	Negative	P.W.	54	00:34:30:2	W.P.A.	Side Inbou	Negative	P.W.
55	00:35:58:1	WPA	Turnover	Positive	P.P.	55	00:35:59:0	W.P.A.	Turnover	Positive	P.P.
56	00:36:16:0	WPA	Side Inbou	Goal	P.D.	56	00:36:12:2	W.P.A.	Side Inbou	Goal	P.D.
57	00:36:54:0	WPA	Turnover	Positive	C.V.	57	00:36:53:1	W.P.A.	Turnover	Positive	C.V.
58	00:37:38:2	WPA	Side Inbou	Goal	P.D.	58	00:37:39:2	W.P.A.	Side Inbou	Goal	P.D.
59	00:39:03:0	WPA	Turnover	Positive	P.W.	59	00:39:00:2	W.P.A.	Turnover	Positive	P.W.
60	00:39:22:0	WPA	Side Inbou	Goal	P.D.	60	00:39:23:0	W.P.A.	Side Inbou	Goal	P.D.
61	00:41:11:1	WPA	Turnover	Positive	P.P.	61	00:41:13:0	W.P.A.	Turnover	Positive	P.P.
62	00:41:36:0	WPA	Side Inbou	Goal	P.D.	62	00:41:54:0	W.P.A.	Side Inbou	Goal	P.D.
63	00:42:23:2	WPA	Turnover	Positive	P.P.	63	00:42:18:0	W.P.A.	Turnover	Positive	P.P.
64	00:42:39:2	WPA	Side Inbou	Negative	P.P.	64	00:42:36:1	W.P.A.	Side Inbou	Negative	P.P.
65	00:43:03:2	WPA	Side Inbou	Negative	P.P.	65	00:43:04:1	W.P.A.	Side Inbou	Negative	P.P.
66	00:43:32:1	WPA	Turnover	Goal	P.P.	66	00:43:32:1	W.P.A.	Turnover	Goal	P.P.
67	00:44:25:0	WPA	Turnover	Goal	P.P.	67	00:44:27:2	W.P.A.	Turnover	Goal	P.P.
68	00:45:12:0	WPA	Turnover	Goal	P.P.	68	00:45:12:0	W.P.A.	Turnover	Goal	P.P.
69	00:45:48:1	WPA	Turnover	Goal	P.P.	69	00:45:54:0	W.P.A.	Turnover	Goal	P.P.
70	00:46:14:0	WPA	Turnover	Positive	P.P.	70	00:46:14:1	W.P.A.	Turnover	Positive	P.P.
71	00:46:35:1	WPA	Side Inbou	Negative	P.W.	71	00:46:32:2	W.P.A.	Side Inbou	Negative	P.W.

VALIDITY ANALYSIS					
Event	Video Tim	Teams	Events	Outcomes	Reasons
72	00:01:58:2	NGaut.B	Goal Inbou	Negative	P.P.
73	00:02:20:1	NGaut.B	Side Inbou	Negative	P.P.
74	00:02:54:0	NGaut.B	Goal Inbou	Negative	P.P.
75	00:03:41:1	NGaut.B	Goal Inbou	Negative	P.P.
76	00:04:49:1	NGaut.B	Goal Inbou	Negative	P.P.
77	00:05:19:0	NGaut.B	Goal Inbou	Negative	P.P.
78	00:05:40:2	NGaut.B	Side Inbou	Goal	P.D.
79	00:06:36:2	NGaut.B	Goal Inbou	Negative	Other
80	00:09:20:0	NGaut.B	Goal Inbou	Negative	P.P.
81	00:10:18:0	NGaut.B	Goal Inbou	Negative	Other
82	00:11:02:0	NGaut.B	Side Inbou	Negative	P.W.
83	00:11:55:2	NGaut.B	Turnover	Positive	P.W.
84	00:12:17:2	NGaut.B	Side Inbou	Negative	P.P.
85	00:13:07:1	NGaut.B	Goal Inbou	Goal	G.P.
86	00:14:31:1	NGaut.B	Turnover	Positive	10&15sec
87	00:14:57:1	NGaut.B	Side Inbou	Negative	P.P.
88	00:15:33:2	NGaut.B	Goal Inbou	Negative	P.P.
89	00:15:52:2	NGaut.B	Goal Inbou	Negative	P.P.
90	00:16:17:2	NGaut.B	Goal Inbou	Negative	P.P.
91	00:17:11:1	NGaut.B	Goal Inbou	Negative	P.W.
92	00:18:17:0	NGaut.B	Turnover	Positive	P.P.
93	00:18:44:0	NGaut.B	Side Inbou	Negative	P.P.
94	00:19:05:0	NGaut.B	Side Inbou	Negative	P.P.
95	00:19:35:0	NGaut.B	Turnover	Positive	P.W.
96	00:19:53:1	NGaut.B	Side Inbou	Negative	P.P.
97	00:21:04:0	NGaut.B	Goal Inbou	Negative	P.P.
98	00:21:50:2	NGaut.B	Turnover	Positive	P.P.
99	00:22:07:2	NGaut.B	Side Inbou	Negative	P.P.
100	00:23:28:0	NGaut.B	Goal Inbou	Goal	G.P.
101	00:25:16:0	NGaut.B	Goal Inbou	Negative	P.W.
102	00:25:51:0	NGaut.B	Turnover	Positive	P.W.
103	00:26:07:2	NGaut.B	Side Inbou	Goal	G.P.
104	00:27:36:1	NGaut.B	Goal Inbou	Negative	G.D.
105	00:27:59:1	NGaut.B	Side Inbou	Negative	P.P.
106	00:28:19:1	NGaut.B	Side Inbou	Negative	P.P.
107	00:29:09:1	NGaut.B	Goal Inbou	Negative	P.P.
108	00:29:24:0	NGaut.B	Side Inbou	Negative	P.P.
109	00:30:25:2	NGaut.B	Goal Inbou	Negative	P.P.
110	00:31:23:1	NGaut.B	Goal Inbou	Negative	P.P.
111	00:31:51:0	NGaut.B	Goal Inbou	Negative	P.P.
112	00:32:22:1	NGaut.B	Goal Inbou	Negative	P.P.
113	00:33:24:0	NGaut.B	Goal Inbou	Negative	P.W.
114	00:34:02:1	NGaut.B	Side Inbou	Negative	P.W.
115	00:35:13:0	NGaut.B	Turnover	Positive	P.W.
116	00:35:42:1	NGaut.B	Side Inbou	Negative	P.P.
117	00:36:40:1	NGaut.B	Goal Inbou	Negative	C.V.
118	00:38:36:1	NGaut.B	Goal Inbou	Negative	P.P.
119	00:39:42:1	NGaut.B	Goal Inbou	Negative	P.P.
120	00:40:24:0	NGaut.B	Side Inbou	Negative	P.P.
121	00:41:06:0	NGaut.B	Side Inbou	Negative	P.P.
122	00:42:15:2	NGaut.B	Goal Inbou	Negative	P.P.
123	00:43:04:1	NGaut.B	Turnover	Positive	P.P.
124	00:43:28:0	NGaut.B	Side Inbou	Negative	P.P.
125	00:44:23:0	NGaut.B	Goal Inbou	Negative	P.P.
126	00:45:05:0	NGaut.B	Goal Inbou	Negative	P.P.
127	00:45:44:0	NGaut.B	Goal Inbou	Negative	P.P.
128	00:46:12:1	NGaut.B	Goal Inbou	Negative	P.P.
129	00:46:41:1	NGaut.B	Turnover	Positive	P.W.
130	00:47:03:0	NGaut.B	Side Inbou	Negative	P.P.
131	00:47:46:1	NGaut.B	Side Inbou	Negative	G.D.

ORIGINAL ANALYSIS					
Event	Video Tim	Teams	Events	Outcomes	Reasons
72	00:01:58:0	N.Gaut. B	Goal Inbou	Negative	P.P.
73	00:02:20:1	N.Gaut. B	Side Inbou	Negative	P.P.
74	00:02:52:2	N.Gaut. B	Goal Inbou	Negative	P.P.
75	00:03:37:1	N.Gaut. B	Goal Inbou	Negative	P.P.
76	00:04:43:1	N.Gaut. B	Goal Inbou	Negative	P.P.
77	00:05:17:1	N.Gaut. B	Goal Inbou	Negative	P.P.
78	00:05:38:1	N.Gaut. B	Side Inbou	Goal	G.P.
79	00:06:34:1	N.Gaut. B	Goal Inbou	Negative	Other -
80	00:09:15:1	N.Gaut. B	Goal Inbou	Negative	P.P.
81	00:10:17:0	N.Gaut. B	Goal Inbou	Negative	P.W.
82	00:10:56:1	N.Gaut. B	Side Inbou	Negative	P.W.
83	00:11:57:1	N.Gaut. B	Turnover	Positive	P.W.
84	00:12:11:1	N.Gaut. B	Side Inbou	Negative	P.P.
85	00:13:05:2	N.Gaut. B	Goal Inbou	Goal	G.P.
86	00:14:17:1	N.Gaut. B	Turnover	Positive	10&15sec.
87	00:14:56:2	N.Gaut. B	Side Inbou	Negative	P.P.
88	00:15:33:1	N.Gaut. B	Goal Inbou	Negative	P.P.
89	00:15:52:0	N.Gaut. B	Goal Inbou	Negative	P.P.
90	00:16:17:1	N.Gaut. B	Goal Inbou	Negative	P.P.
91	00:17:09:2	N.Gaut. B	Goal Inbou	Negative	P.W.
92	00:18:17:1	N.Gaut. B	Turnover	Positive	P.P.
93	00:18:39:1	N.Gaut. B	Side Inbou	Negative	P.P.
94	00:19:04:1	N.Gaut. B	Side Inbou	Negative	P.P.
95	00:19:35:0	N.Gaut. B	Turnover	Positive	P.W.
96	00:19:58:2	N.Gaut. B	Side Inbou	Negative	P.P.
97	00:21:04:0	N.Gaut. B	Goal Inbou	Negative	P.P.
98	00:21:43:1	N.Gaut. B	Turnover	Positive	P.P.
99	00:22:03:0	N.Gaut. B	Side Inbou	Negative	P.P.
100	00:23:25:1	N.Gaut. B	Goal Inbou	Goal	G.P.
101	00:25:15:0	N.Gaut. B	Goal Inbou	Negative	P.W.
102	00:25:46:2	N.Gaut. B	Turnover	Positive	P.W.
103	00:26:08:1	N.Gaut. B	Side Inbou	Goal	G.P.
104	00:27:34:0	N.Gaut. B	Goal Inbou	Negative	G.D.
105	00:27:57:2	N.Gaut. B	Side Inbou	Negative	P.P.
106	00:28:14:0	N.Gaut. B	Side Inbou	Negative	P.P.
107	00:29:09:1	N.Gaut. B	Goal Inbou	Negative	P.P.
108	00:29:24:0	N.Gaut. B	Side Inbou	Negative	P.P.
109	00:30:21:1	N.Gaut. B	Goal Inbou	Negative	P.P.
110	00:31:21:2	N.Gaut. B	Goal Inbou	Negative	P.P.
111	00:31:48:1	N.Gaut. B	Goal Inbou	Negative	P.P.
112	00:32:22:0	N.Gaut. B	Goal Inbou	Negative	P.P.
113	00:33:21:1	N.Gaut. B	Goal Inbou	Negative	P.W.
114	00:33:58:2	N.Gaut. B	Side Inbou	Negative	P.W.
115	00:35:11:1	N.Gaut. B	Turnover	Positive	P.W.
116	00:35:36:2	N.Gaut. B	Side Inbou	Negative	P.P.
117	00:36:37:1	N.Gaut. B	Goal Inbou	Negative	C.V.
118	00:38:36:1	N.Gaut. B	Goal Inbou	Negative	P.W.
119	00:39:41:0	N.Gaut. B	Goal Inbou	Negative	P.P.
120	00:40:16:1	N.Gaut. B	Side Inbou	Negative	P.P.
121	00:41:06:1	N.Gaut. B	Side Inbou	Negative	P.P.
122	00:42:14:1	N.Gaut. B	Goal Inbou	Negative	P.P.
123	00:43:02:2	N.Gaut. B	Turnover	Positive	P.P.
124	00:43:27:0	N.Gaut. B	Side Inbou	Negative	P.P.
125	00:44:21:0	N.Gaut. B	Goal Inbou	Negative	P.P.
126	00:45:03:0	N.Gaut. B	Goal Inbou	Negative	P.P.
127	00:45:43:0	N.Gaut. B	Goal Inbou	Negative	P.P.
128	00:46:11:0	N.Gaut. B	Goal Inbou	Negative	P.P.
129	00:46:44:0	N.Gaut. B	Turnover	Positive	P.W.
130	00:47:03:1	N.Gaut. B	Side Inbou	Negative	P.P.
131	00:47:47:0	N.Gaut. B	Side Inbou	Negative	G.D.

VALIDITY ANALYSIS

Event	Video Tim	Teams	Events	Outcomes	Reasons
1	00:00:16:0	Aus	Side Inbou	Negative	G.D.
2	00:01:18:0	Aus	Goal Inbou	Goal	G.P.
3	00:01:57:1	Aus	Goal Inbou	Goal	G.P.
4	00:04:08:2	Aus	Goal Inbou	Goal	G.W.
5	00:05:02:1	Aus	Goal Inbou	Goal	P.D.
6	00:06:03:1	Aus	Goal Inbou	Negative	G.D.
7	00:07:02:1	Aus	Goal Inbou	Goal	G.P.
8	00:07:48:0	Aus	Goal Inbou	Goal	P.D.
9	00:08:40:0	Aus	Goal Inbou	Goal	G.P.
10	00:09:21:0	Aus	Goal Inbou	Goal	P.D.
11	00:10:12:2	Aus	Goal Inbou	Goal	G.W.
12	00:10:41:0	Aus	Turnover	Positive	P.P.
13	00:11:19:1	Aus	Side Inbou	Goal	G.P.
14	00:11:44:2	Aus	Turnover	Positive	P.P.
15	00:12:32:0	Aus	Side Inbou	Goal	G.P.
16	00:13:00:1	Aus	Goal Inbou	Goal	G.P.
17	00:14:47:0	Aus	Goal Inbou	Negative	Other
18	00:15:26:2	Aus	Goal Inbou	Goal	G.W.
19	00:16:20:2	Aus	Goal Inbou	Goal	G.W.
20	00:18:03:2	Aus	Goal Inbou	Negative	Other
21	00:18:44:1	Aus	Side Inbou	Goal	G.W.
22	00:20:52:2	Aus	Goal Inbou	Goal	P.D.
23	00:21:45:0	Aus	Goal Inbou	Goal	Other
24	00:22:48:2	Aus	Goal Inbou	Goal	G.W.
25	00:23:33:1	Aus	Goal Inbou	Goal	G.W.
26	00:24:42:0	Aus	Goal Inbou	Goal	G.W.
27	00:26:13:1	Aus	Goal Inbou	Goal	G.P.
28	00:27:12:2	Aus	Goal Inbou	Goal	G.P.
29	00:28:21:0	Aus	Turnover	Positive	G.D.
30	00:28:52:1	Aus	Side Inbou	Goal	G.P.
31	00:32:01:0	Aus	Side Inbou	Negative	G.D.
32	00:32:55:0	Aus	Goal Inbou	Goal	G.P.
33	00:33:37:1	Aus	Turnover	Positive	P.P.
34	00:33:56:2	Aus	Side Inbou	Goal	P.D.
35	00:34:17:0	Aus	Turnover	Positive	P.P.
36	00:34:31:0	Aus	Side Inbou	Negative	Other
37	00:35:20:0	Aus	Side Inbou	Goal	G.P.
38	00:36:16:2	Aus	Goal Inbou	Goal	G.P.
39	00:37:18:1	Aus	Goal Inbou	Goal	G.W.
40	00:38:18:0	Aus	Goal Inbou	Goal	G.W.
41	00:39:20:1	Aus	Goal Inbou	Negative	Other
42	00:39:59:1	Aus	Goal Inbou	Negative	Other
43	00:40:35:0	Aus	Side Inbou	Goal	G.P.
44	00:41:37:1	Aus	Goal Inbou	Negative	P.P.
45	00:43:09:2	Aus	Goal Inbou	Goal	G.W.
46	00:44:28:2	Aus	Goal Inbou	Goal	G.P.
47	00:48:08:0	Aus	Goal Inbou	Negative	Other
48	00:48:43:0	Aus	Goal Inbou	Goal	G.W.
49	00:50:34:1	Aus	Goal Inbou	Negative	Other
50	00:52:02:0	Aus	Side Inbou	Goal	G.P.
51	00:53:13:0	Aus	Goal Inbou	Negative	P.P.
52	00:53:49:0	Aus	Side Inbou	Goal	G.P.
53	00:55:22:2	Aus	Goal Inbou	Goal	G.W.
54	00:56:12:0	Aus	Goal Inbou	Negative	P.P.
55	00:56:44:0	Aus	Goal Inbou	Negative	Other
56	00:57:00:1	Aus	Goal Inbou	Negative	Other
57	00:57:24:0	Aus	Side Inbou	Goal	P.D.
58	00:58:20:2	Aus	Goal Inbou	Negative	Other
59	00:58:48:1	Aus	Side Inbou	Goal	P.D.
60	01:00:01:1	Aus	Goal Inbou	Goal	G.W.
61	01:01:31:2	Aus	Goal Inbou	Goal	G.P.
62	01:02:34:1	Aus	Goal Inbou	Negative	P.W.
63	01:03:11:1	Aus	Goal Inbou	Goal	G.W.
64	01:04:06:1	Aus	Goal Inbou	Negative	Other

ORIGINAL ANALYSIS

Event	Video Tim	Teams	Events	Outcomes	Reasons
1	00:00:21:0	Aus	Side Inbou	Negative	G.D.
2	00:01:16:2	Aus	Goal Inbou	Goal	G.P.
3	00:01:55:0	Aus	Goal Inbou	Goal	P.D.
4	00:04:06:1	Aus	Goal Inbou	Goal	G.W.
5	00:05:02:1	Aus	Goal Inbou	Goal	G.P.
6	00:06:01:2	Aus	Goal Inbou	Negative	G.D.
7	00:07:00:0	Aus	Goal Inbou	Goal	G.P.
8	00:07:49:1	Aus	Goal Inbou	Goal	G.W.
9	00:08:37:1	Aus	Goal Inbou	Goal	G.P.
10	00:09:23:1	Aus	Goal Inbou	Goal	P.D.
11	00:10:10:0	Aus	Goal Inbou	Goal	G.W.
12	00:10:42:0	Aus	Turnover	Positive	P.P.
13	00:11:19:1	Aus	Side Inbou	Goal	G.P.
14	00:11:44:2	Aus	Turnover	Positive	G.D.
15	00:12:31:0	Aus	Side Inbou	Goal	G.P.
16	00:12:59:1	Aus	Goal Inbou	Goal	G.P.
17	00:14:49:0	Aus	Goal Inbou	Negative	other
18	00:15:28:2	Aus	Goal Inbou	Goal	G.W.
19	00:16:20:0	Aus	Goal Inbou	Goal	G.W.
20	00:18:03:1	Aus	Goal Inbou	Negative	other
21	00:18:44:1	Aus	Side Inbou	Goal	G.W.
22	00:20:52:2	Aus	Goal Inbou	Goal	P.D.
23	00:21:44:1	Aus	Goal Inbou	Goal	other
24	00:22:50:0	Aus	Goal Inbou	Goal	G.W.
25	00:23:32:2	Aus	Goal Inbou	Goal	G.W.
26	00:24:41:1	Aus	Goal Inbou	Goal	G.W.
27	00:26:12:2	Aus	Goal Inbou	Goal	G.P.
28	00:27:12:1	Aus	Goal Inbou	Negative	P.P.
29	00:28:22:1	Aus	Turnover	Positive	G.D.
30	00:28:52:0	Aus	Side Inbou	Goal	G.P.
31	00:32:00:2	Aus	Side Inbou	Negative	G.D.
32	00:32:51:0	Aus	Goal Inbou	Goal	G.P.
33	00:33:57:0	Aus	Side Inbou	Goal	P.D.
34	00:34:32:0	Aus	Side Inbou	Negative	other
35	00:35:20:1	Aus	Side Inbou	Goal	G.P.
36	00:36:17:1	Aus	Goal Inbou	Goal	G.P.
37	00:37:24:0	Aus	Goal Inbou	Goal	G.W.
38	00:38:16:1	Aus	Goal Inbou	Goal	G.W.
39	00:39:20:1	Aus	Goal Inbou	Negative	P.P.
40	00:39:59:2	Aus	Goal Inbou	Negative	other
41	00:40:35:2	Aus	Side Inbou	Goal	G.P.
42	00:41:36:0	Aus	Goal Inbou	Negative	P.P.
43	00:43:10:2	Aus	Goal Inbou	Goal	G.W.
44	00:44:30:0	Aus	Goal Inbou	Goal	G.P.
45	00:48:08:1	Aus	Goal Inbou	Negative	other
46	00:48:42:1	Aus	Goal Inbou	Goal	G.W.
47	00:50:33:1	Aus	Goal Inbou	Negative	other
48	00:52:02:0	Aus	Side Inbou	Goal	G.P.
49	00:53:12:1	Aus	Goal Inbou	Negative	P.P.
50	00:53:49:1	Aus	Side Inbou	Goal	G.P.
51	00:55:19:0	Aus	Goal Inbou	Goal	G.W.
52	00:56:19:1	Aus	Goal Inbou	Negative	P.P.
53	00:56:54:1	Aus	Goal Inbou	Negative	other
54	00:57:01:2	Aus	Goal Inbou	Negative	other
55	00:57:23:0	Aus	Side Inbou	Goal	P.D.
56	00:58:21:0	Aus	Goal Inbou	Negative	other
57	00:58:58:0	Aus	Side Inbou	Goal	P.D.
58	01:00:01:2	Aus	Goal Inbou	Goal	G.W.
59	01:01:30:0	Aus	Goal Inbou	Goal	G.P.
60	01:02:34:0	Aus	Goal Inbou	Negative	P.W.
61	01:03:12:0	Aus	Goal Inbou	Goal	G.W.
62	01:04:07:1	Aus	Goal Inbou	Negative	other

VALIDITY ANALYSIS

Event	Video Tim	Teams	Events	Outcomes	Reasons
65	00:00:26:0	N.Z.	Turnover	Positive	G.D.
66	00:00:53:0	N.Z.	Side Inbou	Goal	G.P.
67	00:01:35:2	N.Z.	Goal Inbou	Goal	G.W.
68	00:02:13:0	N.Z.	Goal Inbou	Negative	Other
69	00:03:59:1	N.Z.	Side Inbou	Goal	P.D.
70	00:04:25:0	N.Z.	Goal Inbou	Goal	G.P.
71	00:05:41:0	N.Z.	Goal Inbou	Goal	G.P.
72	00:06:12:2	N.Z.	Turnover	Positive	G.D.
73	00:06:34:2	N.Z.	Side Inbou	Goal	G.W.
74	00:07:24:1	N.Z.	Goal Inbou	Goal	G.P.
75	00:08:06:2	N.Z.	Goal Inbou	Goal	G.P.
76	00:09:02:0	N.Z.	Goal Inbou	Goal	P.D.
77	00:09:44:2	N.Z.	Goal Inbou	Goal	G.P.
78	00:10:31:2	N.Z.	Goal Inbou	Negative	P.P.
79	00:11:37:1	N.Z.	Goal Inbou	Negative	P.P.
80	00:12:42:1	N.Z.	Goal Inbou	Goal	G.P.
81	00:13:50:1	N.Z.	Goal Inbou	Goal	G.W.
82	00:15:09:1	N.Z.	Side Inbou	Goal	G.P.
83	00:15:53:0	N.Z.	Goal Inbou	Goal	G.P.
84	00:17:11:0	N.Z.	Goal Inbou	Negative	Other
85	00:17:37:1	N.Z.	Goal Inbou	Goal	G.W.
86	00:19:19:1	N.Z.	Goal Inbou	Negative	P.P.
87	00:20:03:1	N.Z.	Side Inbou	Goal	G.W.
88	00:21:08:0	N.Z.	Goal Inbou	Goal	G.P.
89	00:22:23:1	N.Z.	Goal Inbou	Goal	G.W.
90	00:23:12:0	N.Z.	Goal Inbou	Goal	G.P.
91	00:24:03:1	N.Z.	Goal Inbou	Goal	G.W.
92	00:25:01:1	N.Z.	Goal Inbou	Negative	Other
93	00:25:47:0	N.Z.	Side Inbou	Goal	G.P.
94	00:26:41:2	N.Z.	Goal Inbou	Goal	G.P.
95	00:28:06:2	N.Z.	Goal Inbou	Negative	G.D.
96	00:30:34:0	N.Z.	Goal Inbou	Negative	G.D.
97	00:32:06:1	N.Z.	Turnover	Positive	G.D.
98	00:32:35:1	N.Z.	Side Inbou	Goal	G.W.
99	00:33:25:2	N.Z.	Goal Inbou	Negative	P.P.
100	00:34:10:2	N.Z.	Goal Inbou	Negative	P.P.
101	00:35:55:0	N.Z.	Goal Inbou	Goal	G.P.
102	00:36:43:1	N.Z.	Goal Inbou	Goal	G.W.
103	00:37:44:1	N.Z.	Goal Inbou	Goal	G.P.
104	00:38:56:0	N.Z.	Goal Inbou	Goal	G.P.
105	00:40:51:0	N.Z.	Goal Inbou	Goal	G.W.
106	00:41:53:0	N.Z.	Turnover	Positive	G.D.
107	00:42:39:0	N.Z.	Side Inbou	Goal	P.D.
108	00:44:06:1	N.Z.	Goal Inbou	Goal	G.P.
109	00:45:46:1	N.Z.	Goal Inbou	Negative	Other
110	00:46:26:1	N.Z.	Side Inbou	Goal	G.P.
111	00:48:26:1	N.Z.	Side Inbou	Goal	G.W.
112	00:49:25:0	N.Z.	Goal Inbou	Negative	Other
113	00:49:57:1	N.Z.	Side Inbou	Goal	G.P.
114	00:52:22:0	N.Z.	Goal Inbou	Goal	G.P.
115	00:54:34:0	N.Z.	Goal Inbou	Negative	Other
116	00:55:02:1	N.Z.	Side Inbou	Goal	G.P.
117	00:55:49:1	N.Z.	Goal Inbou	Goal	G.P.
118	00:56:16:0	N.Z.	Turnover	Goal	P.P.
119	00:57:45:0	N.Z.	Goal Inbou	Goal	G.P.
120	00:59:21:2	N.Z.	Goal Inbou	Negative	Other
121	00:59:44:2	N.Z.	Side Inbou	Goal	G.P.
122	01:00:26:0	N.Z.	Goal Inbou	Negative	Other
123	01:00:52:0	N.Z.	Side Inbou	Goal	G.P.
124	01:02:07:2	N.Z.	Goal Inbou	Goal	G.W.
125	01:02:48:2	N.Z.	Turnover	Goal	P.P.
126	01:03:45:1	N.Z.	Goal Inbou	Goal	G.P.

ORIGINAL ANALYSIS

Event	Video Tim	Teams	Events	Outcomes	Reasons
63	00:00:27:0	N.Z.	Turnover	Positive	G.D.
64	00:00:48:1	N.Z.	Side Inbou	Goal	P.D.
65	00:01:35:1	N.Z.	Goal Inbou	Goal	G.W.
66	00:02:17:0	N.Z.	Goal Inbou	Negative	G.D.
67	00:03:47:2	N.Z.	Side Inbou	Goal	P.D.
68	00:04:26:0	N.Z.	Goal Inbou	Goal	G.P.
69	00:05:44:0	N.Z.	Goal Inbou	Goal	G.P.
70	00:06:13:2	N.Z.	Turnover	Positive	G.D.
71	00:06:35:0	N.Z.	Side Inbou	Goal	G.W.
72	00:07:24:1	N.Z.	Goal Inbou	Goal	G.P.
73	00:08:07:2	N.Z.	Goal Inbou	Goal	P.D.
74	00:09:02:1	N.Z.	Goal Inbou	Goal	P.D.
75	00:09:44:1	N.Z.	Goal Inbou	Goal	G.P.
76	00:10:31:0	N.Z.	Goal Inbou	Negative	P.P.
77	00:11:38:1	N.Z.	Goal Inbou	Negative	P.P.
78	00:12:42:1	N.Z.	Goal Inbou	Goal	G.P.
79	00:13:50:1	N.Z.	Goal Inbou	Goal	G.W.
80	00:15:10:0	N.Z.	Side Inbou	Goal	G.P.
81	00:15:53:1	N.Z.	Goal Inbou	Goal	G.P.
82	00:17:11:0	N.Z.	Goal Inbou	Negative	other
83	00:17:39:0	N.Z.	Goal Inbou	Goal	G.W.
84	00:19:21:0	N.Z.	Goal Inbou	Negative	P.P.
85	00:20:01:0	N.Z.	Side Inbou	Goal	G.W.
86	00:21:08:1	N.Z.	Goal Inbou	Goal	G.P.
87	00:22:20:1	N.Z.	Goal Inbou	Goal	G.W.
88	00:23:11:1	N.Z.	Goal Inbou	Goal	G.P.
89	00:24:00:1	N.Z.	Goal Inbou	Goal	G.W.
90	00:25:02:2	N.Z.	Goal Inbou	Negative	other
91	00:25:47:1	N.Z.	Side Inbou	Goal	G.W.
92	00:26:44:2	N.Z.	Goal Inbou	Goal	G.P.
93	00:28:08:0	N.Z.	Goal Inbou	Negative	G.D.
94	00:30:38:0	N.Z.	Goal Inbou	Negative	G.D.
95	00:32:07:1	N.Z.	Turnover	Positive	G.D.
96	00:32:35:1	N.Z.	Side Inbou	Goal	P.D.
97	00:33:25:0	N.Z.	Goal Inbou	Negative	P.P.
98	00:34:11:1	N.Z.	Goal Inbou	Negative	P.P.
99	00:35:54:2	N.Z.	Goal Inbou	Goal	G.P.
100	00:36:44:1	N.Z.	Goal Inbou	Goal	G.W.
101	00:37:45:1	N.Z.	Goal Inbou	Goal	G.P.
102	00:38:43:2	N.Z.	Goal Inbou	Goal	G.P.
103	00:40:51:0	N.Z.	Goal Inbou	Goal	G.W.
104	00:41:53:2	N.Z.	Turnover	Positive	G.D.
105	00:42:38:1	N.Z.	Side Inbou	Goal	P.D.
106	00:44:01:0	N.Z.	Goal Inbou	Goal	G.P.
107	00:45:46:1	N.Z.	Goal Inbou	Negative	other
108	00:46:26:1	N.Z.	Side Inbou	Goal	G.P.
109	00:48:27:1	N.Z.	Side Inbou	Goal	G.W.
110	00:49:23:2	N.Z.	Goal Inbou	Negative	other
111	00:49:57:0	N.Z.	Side Inbou	Goal	G.P.
112	00:52:21:1	N.Z.	Goal Inbou	Goal	G.P.
113	00:54:33:0	N.Z.	Goal Inbou	Negative	other
114	00:54:57:2	N.Z.	Side Inbou	Goal	G.P.
115	00:55:51:2	N.Z.	Goal Inbou	Goal	G.P.
116	00:56:14:2	N.Z.	Turnover	Goal	P.P.
117	00:57:45:0	N.Z.	Goal Inbou	Goal	G.P.
118	00:59:24:1	N.Z.	Goal Inbou	Negative	other
119	00:59:46:1	N.Z.	Side Inbou	Goal	G.P.
120	01:00:26:1	N.Z.	Goal Inbou	Negative	other
121	01:00:48:1	N.Z.	Side Inbou	Goal	G.P.
122	01:02:02:1	N.Z.	Goal Inbou	Goal	G.W.
123	01:02:48:0	N.Z.	Turnover	Goal	P.P.
124	01:03:48:0	N.Z.	Goal Inbou	Goal	G.P.

VALIDITY GAME 2: WPA VS NGAUT.B

Teams(validity)		
131	Total	WPA
Total	131	71
WPA	71	71
NGaut.B	60	60

Teams(original)		
131	Total	W.P.A.
Total	131	71
W.P.A.	71	71
N.Gaut. B	60	60

Total Agreement of Game 2 = 98.22%
 Agreement of Reasons Category = 94.65%
 Agreement of Outcomes Category = 100%
 Agreement of Events Category = 100%

Events(validity)				
131	Total	Goal Inbounds	Side Inbounds	Turnover
Total	131	35	51	45
WPA	71	4	31	36
NGaut.B	60	31	20	9

Events(original)				
131	Total	Goal Inbounds	Side Inbounds	Turnover
Total	131	35	51	45
W.P.A.	71	4	31	36
N.Gaut. B	60	31	20	9

Outcomes(validity)				
131	Total	Positive	Negative	Goal
Total	131	32	64	35
WPA	71	23	17	31
NGaut.B	60	9	47	4

Outcomes(Original)				
131	Total	Positive	Negative	Goal
Total	131	32	64	35
W.P.A.	71	23	17	31
N.Gaut. B	60	9	47	4

Reasons(validity)										
131	Total	G.P.	G.W.	P.D.	P.P.	P.W.	G.D.	10&15sec	C.V.	4inkey
Total	131	11	2	10	76	21	4	2	2	0
WPA	71	8	2	9	36	11	2	1	1	1
NGaut.B	60	3		1	40	10	2	1	1	2

Reasons(Original)										
131	Total	G.P.	G.W.	P.D.	P.P.	P.W.	G.D.	10&15sec	C.V.	4inkey
Total	131	9	1	13	75	23	4	2	2	0
W.P.A.	71	5	1	13	36	11	2	1	1	1
N.Gaut. B	60	4			39	12	2	1	1	1

VALIDITY GAME 3: AUSTRALIA VS NEW ZEALAND

Teams(validity)		
126	Total	Aus N.Z.
Total	126	64 62
Aus	64	64
N.Z.	62	62

Teams(original)		
124	Total	Aus N.Z.
Total	124	62 62
Aus	62	62
N.Z.	62	62

Events(validity)				
126	Total	Goal Inbounds	Side Inbounds	Turnover
Total	126	87	28	11
Aus	64	45	14	5
N.Z.	62	42	14	6

Events(original)				
124	Total	Goal Inbounds	Side Inbounds	Turnover
Total	124	87	28	9
Aus	62	45	14	3
N.Z.	62	42	14	6

Outcomes(validity)				
126	Total	Positive	Negative	Goal
Total	126	9	33	84
Aus	64	5	18	41
N.Z.	62	4	15	43

Outcomes(original)				
124	Total	Positive	Negative	Goal
Total	124	7	34	83
Aus	62	3	19	40
N.Z.	62	4	15	43

Reasons(validity)										
126	Total	G.P.	G.W.	P.D.	P.P.	P.W.	G.D.	10&15sec	C.V.	4inkey
Total	126	44	27	10	14	1	10	0	0	0
Aus	64	18	15	7	7	1	4			12
N.Z.	62	26	12	3	7		6			8

Reasons(original)										
124	Total	G.P.	G.W.	P.D.	P.P.	P.W.	G.D.	10&15sec	C.V.	4inkey
Total	124	40	28	12	13	1	12	0	0	0
Aus	62	17	16	6	6	1	5			11
N.Z.	62	23	12	6	7		7			7

Total Agreement of Game 3 = 95.24%
 Agreement of Reasons Category = 90.48%
 Agreement of Outcomes Category = 97.61%
 Agreement of Events Category = 98.41%

RELIABILITY ANALYSIS: GAME 1 HAWKS VS MANDEVILLE											
RELIABILITY ANALYSIS:						ORIGINAL ANALYSIS					
Event	Video Tim	Teams	Events	Outcomes	Reasons	Event	Video Tim	Teams	Events	Outcomes	Reasons
1	00:00:06:1	Hawks	Turnover	Positive	P.P.	1	00:00:06:0	Hawks	Turnover	Positive	P.P.
2	00:01:04:0	Hawks	Goal Inbo	Negative	P.P.	2	00:01:09:2	Hawks	Goal Inbo	Negative	P.P.
3	00:02:00:2	Hawks	Goal Inbo	Goal	G.P.	3	00:02:00:1	Hawks	Goal Inbo	Goal	G.P.
4	00:02:32:1	Hawks	Turnover	Positive	G.D.	4	00:02:28:2	Hawks	Turnover	Positive	G.D.
5	00:02:51:0	Hawks	Side Inbo	Goal	G.P.	5	00:02:50:0	Hawks	Side Inbo	Goal	G.P.
6	00:03:34:1	Hawks	Goal Inbo	Goal	G.P.	6	00:03:34:0	Hawks	Goal Inbo	Goal	G.P.
7	00:04:23:1	Hawks	Turnover	Positive	P.P.	7	00:04:26:1	Hawks	Turnover	Positive	P.P.
8	00:04:44:2	Hawks	Side Inbo	Negative	P.P.	8	00:04:43:2	Hawks	Side Inbo	Negative	P.P.
9	00:05:08:0	Hawks	Goal Inbo	Goal	G.P.	9	00:05:06:0	Hawks	Goal Inbo	Goal	G.P.
10	00:07:22:1	Hawks	Goal Inbo	Negative	P.P.	10	00:07:20:2	Hawks	Goal Inbo	Negative	P.P.
11	00:08:18:0	Hawks	Goal Inbo	Goal	G.P.	11	00:08:16:1	Hawks	Goal Inbo	Goal	G.P.
12	00:08:53:0	Hawks	Turnover	Positive	P.P.	12	00:08:51:1	Hawks	Turnover	Positive	P.P.
13	00:09:09:1	Hawks	Side Inbo	Goal	P.D.	13	00:09:07:2	Hawks	Side Inbo	Goal	P.D.
14	00:10:20:1	Hawks	Goal Inbo	Negative	P.P.	14	00:09:46:1	Hawks	Turnover	Positive	P.P.
15	00:11:20:1	Hawks	Turnover	Positive	P.P.	15	00:10:21:0	Hawks	Goal Inbo	Negative	P.P.
16	00:11:47:1	Hawks	Side Inbo	Goal	G.P.	16	00:11:20:1	Hawks	Turnover	Positive	P.P.
17	00:12:57:0	Hawks	Side Inbo	Goal	G.P.	17	00:11:51:0	Hawks	Side Inbo	Goal	G.P.
18	00:14:04:0	Hawks	Goal Inbo	Goal	G.P.	18	00:12:23:1	Hawks	Turnover	Positive	other
19	00:15:32:2	Hawks	Turnover	Positive	P.P.	19	00:12:57:0	Hawks	Side Inbo	Goal	G.P.
20	00:15:46:0	Hawks	Side Inbo	Goal	P.D.	20	00:14:03:0	Hawks	Goal Inbo	Goal	G.P.
21	00:16:22:0	Hawks	Turnover	Positive	P.P.	21	00:15:32:1	Hawks	Turnover	Positive	P.P.
22	00:16:42:1	Hawks	Side Inbo	Negative	P.P.	22	00:15:42:1	Hawks	Side Inbo	Goal	P.D.
23	00:17:52:1	Hawks	Goal Inbo	Goal	P.D.	23	00:16:15:1	Hawks	Turnover	Positive	P.P.
24	00:19:56:1	Hawks	Goal Inbo	Negative	G.D.	24	00:16:43:0	Hawks	Side Inbo	Negative	P.P.
25	00:20:23:1	Hawks	Side Inbo	Negative	P.W.	25	00:17:54:0	Hawks	Goal Inbo	Goal	P.D.
26	00:21:29:2	Hawks	Goal Inbo	Goal	P.D.	26	00:19:58:0	Hawks	Goal Inbo	Negative	G.D.
27	00:22:29:1	Hawks	Turnover	Positive	P.P.	27	00:20:21:1	Hawks	Side Inbo	Negative	P.W.
28	00:22:42:0	Hawks	Side Inbo	Goal	P.D.	28	00:21:25:1	Hawks	Goal Inbo	Goal	P.D.
29	00:23:18:0	Hawks	Turnover	Positive	P.P.	29	00:22:28:1	Hawks	Turnover	Positive	P.P.
30	00:23:43:2	Hawks	Turnover	Positive	P.P.	30	00:22:40:0	Hawks	Side Inbo	Goal	P.D.
31	00:24:00:1	Hawks	Side Inbo	Goal	P.D.	31	00:23:17:0	Hawks	Turnover	Positive	P.P.
32	00:24:58:0	Hawks	Goal Inbo	Negative	P.P.	32	00:23:44:0	Hawks	Turnover	Positive	G.D.
33	00:25:24:0	Hawks	Turnover	Positive	G.D.	33	00:23:55:1	Hawks	Side Inbo	Goal	P.D.
34	00:25:44:1	Hawks	Side Inbo	Negative	Other -	34	00:24:54:0	Hawks	Goal Inbo	Negative	P.P.
35	00:26:24:2	Hawks	Turnover	Positive	P.P.	35	00:25:26:1	Hawks	Turnover	Positive	G.D.
36	00:26:49:2	Hawks	Side Inbo	Goal	G.P.	36	00:25:41:0	Hawks	Side Inbo	Negative	other
37	00:27:25:0	Hawks	Turnover	Positive	P.W.	37	00:26:21:0	Hawks	Turnover	Positive	P.P.
38	00:27:43:1	Hawks	Side Inbo	Goal	G.W.	38	00:26:48:1	Hawks	Side Inbo	Goal	G.P.
39	00:28:16:1	Hawks	Turnover	Positive	P.P.	39	00:27:24:1	Hawks	Turnover	Positive	P.P.
40	00:28:30:0	Hawks	Side Inbo	Goal	G.P.	40	00:27:44:0	Hawks	Side Inbo	Goal	G.W.
41	00:29:27:1	Hawks	Side Inbo	Negative	10&15sec	41	00:28:15:1	Hawks	Turnover	Positive	P.P.
42	00:29:55:0	Hawks	Side Inbo	Goal	G.P.	42	00:28:30:0	Hawks	Side Inbo	Goal	G.P.
43	00:30:50:1	Hawks	Goal Inbo	Goal	G.P.	43	00:29:27:0	Hawks	Side Inbo	Negative	10&15sec
44	00:31:42:2	Hawks	Turnover	Positive	P.P.	44	00:29:52:1	Hawks	Side Inbo	Goal	G.P.
45	00:31:59:0	Hawks	Side Inbo	Goal	P.D.	45	00:30:53:0	Hawks	Goal Inbo	Goal	G.P.
46	00:32:34:1	Hawks	Turnover	Positive	P.W.	46	00:31:40:0	Hawks	Turnover	Positive	P.P.
47	00:32:49:1	Hawks	Side Inbo	Goal	G.W.	47	00:31:55:1	Hawks	Side Inbo	Goal	P.D.
48	00:34:04:0	Hawks	Goal Inbo	Negative	other +	48	00:32:36:2	Hawks	Turnover	Positive	P.W.
49	00:34:41:1	Hawks	Goal Inbo	Goal	P.D.	49	00:32:45:2	Hawks	Side Inbo	Goal	G.W.
50	00:35:43:0	Hawks	Goal Inbo	Negative	G.D.	50	00:33:58:2	Hawks	Goal Inbo	Negative	other
51	00:36:41:1	Hawks	Turnover	Positive	G.D.	51	00:35:44:2	Hawks	Goal Inbo	Negative	G.D.
52	00:37:42:0	Hawks	Goal Inbo	Goal	G.P.	52	00:36:32:1	Hawks	Turnover	Positive	P.P.
53	00:38:37:0	Hawks	Goal Inbo	Negative	Other -	53	00:37:40:2	Hawks	Goal Inbo	Goal	G.P.
54	00:39:18:1	Hawks	Turnover	Positive	Other -	54	00:38:35:1	Hawks	Goal Inbo	Negative	other
55	00:39:31:2	Hawks	Side Inbo	Negative	Other -	55	00:39:19:0	Hawks	Turnover	Positive	other
56	00:40:02:2	Hawks	Turnover	Goal	P.P.	56	00:39:31:0	Hawks	Side Inbo	Negative	other
57	00:41:14:1	Hawks	Goal Inbo	Goal	G.P.	57	00:40:01:1	Hawks	Turnover	Goal	P.P.
58	00:41:59:1	Hawks	Turnover	Positive	Other -	58	00:41:10:0	Hawks	Goal Inbo	Goal	G.P.
59	00:42:21:0	Hawks	Side Inbo	Goal	P.D.	59	00:41:59:0	Hawks	Turnover	Positive	other
60	00:43:36:1	Hawks	Goal Inbo	Negative	P.P.	60	00:42:19:1	Hawks	Side Inbo	Positive	P.D.
61	00:44:44:0	Hawks	Turnover	Positive	P.P.	61	00:43:34:1	Hawks	Goal Inbo	Negative	P.P.
62	00:44:56:0	Hawks	Side Inbo	Negative	P.P.	62	00:44:41:1	Hawks	Turnover	Positive	P.P.
63	00:45:20:1	Hawks	Goal Inbo	Goal	G.P.	63	00:44:56:0	Hawks	Side Inbo	Negative	P.P.
64	00:46:15:1	Hawks	Side Inbo	Goal	P.D.	64	00:45:21:1	Hawks	Goal Inbo	Goal	G.P.
65	00:47:04:0	Hawks	Turnover	Positive	P.P.	65	00:46:15:1	Hawks	Side Inbo	Goal	P.D.
66	00:48:20:1	Hawks	Goal Inbo	Goal	G.P.	66	00:47:04:1	Hawks	Turnover	Positive	P.P.
67	00:49:10:0	Hawks	Turnover	Goal	P.P.	67	00:48:18:1	Hawks	Goal Inbo	Goal	G.P.
68	00:50:13:1	Hawks	Goal Inbo	Negative	other +	68	00:49:04:1	Hawks	Turnover	Goal	P.P.
69	00:50:52:1	Hawks	Side Inbo	Negative	G.D.	69	00:50:15:1	Hawks	Goal Inbo	Negative	other
70	00:51:15:1	Hawks	Turnover	Positive	P.P.	70	00:50:50:0	Hawks	Side Inbo	Negative	other
71	00:52:29:0	Hawks	Goal Inbo	Goal	G.P.	71	00:52:27:2	Hawks	Goal Inbo	Goal	G.P.
72	00:53:08:2	Hawks	Turnover	Positive	P.P.	72	00:53:07:0	Hawks	Turnover	Positive	P.P.
73	00:53:31:2	Hawks	Side Inbo	Goal	G.P.	73	00:53:34:0	Hawks	Side Inbo	Goal	P.D.
74	00:54:29:2	Hawks	Goal Inbo	Negative	P.W.	74	00:54:30:2	Hawks	Goal Inbo	Negative	P.W.
75	00:55:05:1	Hawks	Turnover	Goal	P.P.	75	00:54:58:1	Hawks	Turnover	Goal	P.P.
76	00:55:23:2	Hawks	Turnover	Positive	P.P.	76	00:55:22:2	Hawks	Turnover	Positive	P.P.
77	00:55:33:2	Hawks	Side Inbo	Goal	G.P.	77	00:55:35:0	Hawks	Side Inbo	Goal	P.D.
78	00:56:27:0	Hawks	Goal Inbo	Goal	G.P.	78	00:56:24:0	Hawks	Goal Inbo	Goal	G.W.
79	00:57:06:2	Hawks	Turnover	Positive	P.P.	79	00:57:03:1	Hawks	Turnover	Positive	P.P.
80	00:57:14:1	Hawks	Side Inbo	Goal	G.P.	80	00:57:13:2	Hawks	Side Inbo	Goal	P.D.
81	00:57:38:1	Hawks	Turnover	Goal	P.P.	81	00:57:30:2	Hawks	Turnover	Goal	P.P.
82	00:58:04:1	Hawks	Turnover	Positive	P.P.	82	00:57:58:2	Hawks	Turnover	Positive	P.P.

RELIABILITY ANALYSIS						ORIGINAL ANALYSIS					
Event	Video Tim	Teams	Events	Outcomes	Reasons	Event	Video Tim	Teams	Events	Outcomes	Reasons
83	00:00:02:0	Mandeville	Side Inbo	Negative	P.P.	83	00:00:01:1	Mandeville	Side Inbo	Negative	P.P.
84	00:00:16:0	Mandeville	Turnover	Positive	P.P.	84	00:00:11:1	Mandeville	Turnover	Positive	P.P.
85	00:00:28:1	Mandeville	Side Inbo	Goal	P.D.	85	00:00:22:0	Mandeville	Side Inbo	Goal	P.D.
86	00:01:17:0	Mandeville	Turnover	Positive	P.P.	86	00:01:14:0	Mandeville	Turnover	Positive	P.P.
87	00:01:31:1	Mandeville	Side Inbo	Goal	P.D.	87	00:01:26:1	Mandeville	Side Inbo	Goal	P.D.
88	00:02:30:1	Mandeville	Goal Inbo	Negative	P.P.	88	00:02:29:0	Mandeville	Goal Inbo	Negative	P.P.
89	00:03:10:0	Mandeville	Goal Inbo	Goal	P.D.	89	00:03:02:2	Mandeville	Goal Inbo	Goal	G.W.
90	00:04:03:2	Mandeville	Goal Inbo	Negative	P.P.	90	00:04:01:0	Mandeville	Goal Inbo	Negative	P.P.
91	00:04:53:1	Mandeville	Turnover	Goal	P.P.	91	00:04:53:1	Mandeville	Turnover	Goal	P.P.
92	00:05:40:0	Mandeville	Goal Inbo	Negative	G.D.	92	00:05:39:1	Mandeville	Goal Inbo	Negative	G.D.
93	00:06:10:0	Mandeville	Side Inbo	Negative	C.V.	93	00:06:12:0	Mandeville	Side Inbo	Negative	other
94	00:06:53:0	Mandeville	Side Inbo	Goal	P.D.	94	00:06:54:2	Mandeville	Side Inbo	Goal	P.D.
95	00:07:30:0	Mandeville	Turnover	Positive	P.P.	95	00:07:37:0	Mandeville	Turnover	Positive	G.D.
96	00:07:56:2	Mandeville	Side Inbo	Goal	P.D.	96	00:07:52:1	Mandeville	Side Inbo	Goal	P.D.
97	00:08:47:1	Mandeville	Goal Inbo	Negative	P.P.	97	00:08:48:1	Mandeville	Goal Inbo	Negative	P.P.
98	00:09:38:1	Mandeville	Goal Inbo	Negative	P.P.	98	00:09:40:1	Mandeville	Goal Inbo	Negative	P.P.
99	00:10:03:0	Mandeville	Side Inbo	Goal	P.D.	99	00:10:01:1	Mandeville	Side Inbo	Goal	G.P.
100	00:10:30:1	Mandeville	Turnover	Positive	P.P.	100	00:10:45:1	Mandeville	Turnover	Positive	P.P.
101	00:11:07:1	Mandeville	Side Inbo	Negative	P.P.	101	00:11:07:0	Mandeville	Side Inbo	Negative	P.W.
102	00:12:16:0	Mandeville	Goal Inbo	Negative	Other -	102	00:12:11:0	Mandeville	Goal Inbo	Negative	other
103	00:13:38:1	Mandeville	Goal Inbo	Goal	G.W.	103	00:13:36:0	Mandeville	Goal Inbo	Goal	G.W.
104	00:14:39:1	Mandeville	Goal Inbo	Negative	P.W.	104	00:14:35:1	Mandeville	Goal Inbo	Negative	P.W.
105	00:15:09:2	Mandeville	Turnover	Positive	P.P.	105	00:15:05:1	Mandeville	Turnover	Positive	P.P.
106	00:15:23:0	Mandeville	Side Inbo	Negative	P.P.	106	00:15:22:1	Mandeville	Side Inbo	Negative	P.P.
107	00:16:08:1	Mandeville	Goal Inbo	Negative	P.P.	107	00:16:09:0	Mandeville	Goal Inbo	Negative	P.W.
108	00:16:48:0	Mandeville	Turnover	Positive	P.P.	108	00:16:42:1	Mandeville	Turnover	Positive	P.P.
109	00:17:05:1	Mandeville	Side Inbo	Negative	G.D.	109	00:17:05:0	Mandeville	Side Inbo	Negative	P.W.
110	00:17:30:2	Mandeville	Side Inbo	Goal	P.D.	110	00:17:30:0	Mandeville	Side Inbo	Goal	P.D.
111	00:18:32:2	Mandeville	Goal Inbo	Negative	Other -	111	00:18:31:0	Mandeville	Goal Inbo	Negative	other
112	00:19:35:1	Mandeville	Side Inbo	Goal	P.D.	112	00:19:36:0	Mandeville	Side Inbo	Goal	P.D.
113	00:20:37:0	Mandeville	Turnover	Positive	P.W.	113	00:20:43:0	Mandeville	Turnover	Positive	P.W.
114	00:21:04:0	Mandeville	Side Inbo	Goal	P.D.	114	00:20:55:1	Mandeville	Side Inbo	Goal	G.P.
115	00:22:14:0	Mandeville	Goal Inbo	Negative	P.P.	115	00:22:13:1	Mandeville	Goal Inbo	Negative	P.P.
116	00:23:13:1	Mandeville	Goal Inbo	Negative	P.P.	116	00:23:12:1	Mandeville	Goal Inbo	Negative	P.P.
117	00:23:22:1	Mandeville	Turnover	Positive	C.V.	117	00:23:25:1	Mandeville	Turnover	Positive	C.V.
118	00:23:35:1	Mandeville	Side Inbo	Negative	P.P.	118	00:23:35:2	Mandeville	Side Inbo	Negative	P.P.
119	00:24:24:0	Mandeville	Goal Inbo	Goal	P.D.	119	00:24:24:0	Mandeville	Goal Inbo	Goal	G.W.
120	00:25:02:1	Mandeville	Turnover	Positive	P.P.	120	00:25:00:0	Mandeville	Turnover	Positive	P.P.
121	00:25:23:1	Mandeville	Side Inbo	Negative	G.D.	121	00:25:17:2	Mandeville	Side Inbo	Negative	G.D.
122	00:26:22:1	Mandeville	Side Inbo	Negative	P.P.	122	00:25:48:1	Mandeville	Turnover	Positive	other
123	00:27:18:1	Mandeville	Goal Inbo	Negative	P.W.	123	00:26:18:2	Mandeville	Side Inbo	Negative	P.P.
124	00:28:14:1	Mandeville	Goal Inbo	Negative	P.P.	124	00:27:17:1	Mandeville	Goal Inbo	Negative	P.W.
125	00:28:48:1	Mandeville	Goal Inbo	Negative	Other -	125	00:28:13:1	Mandeville	Goal Inbo	Negative	P.P.
126	00:30:15:1	Mandeville	Goal Inbo	Goal	G.P.	126	00:28:46:0	Mandeville	Goal Inbo	Negative	other
127	00:31:35:1	Mandeville	Goal Inbo	Negative	P.P.	127	00:30:14:0	Mandeville	Goal Inbo	Goal	G.P.
128	00:32:27:1	Mandeville	Goal Inbo	Negative	P.W.	128	00:31:32:2	Mandeville	Goal Inbo	Negative	P.P.
129	00:33:15:1	Mandeville	Goal Inbo	Negative	P.P.	129	00:32:28:1	Mandeville	Goal Inbo	Negative	P.W.
130	00:33:34:1	Mandeville	Side Inbo	Goal	G.W.	130	00:33:15:1	Mandeville	Goal Inbo	Negative	P.P.
131	00:34:55:0	Mandeville	Goal Inbo	Goal	P.D.	131	00:33:36:0	Mandeville	Side Inbo	Goal	G.W.
132	00:35:50:1	Mandeville	Turnover	Positive	C.V.	132	00:34:57:0	Mandeville	Goal Inbo	Goal	P.D.
133	00:36:22:1	Mandeville	Side Inbo	Negative	G.D.	133	00:35:55:1	Mandeville	Turnover	Positive	G.D.
134	00:36:53:0	Mandeville	Turnover	Positive	P.P.	134	00:36:22:0	Mandeville	Side Inbo	Negative	P.P.
135	00:37:18:2	Mandeville	Side Inbo	Goal	G.W.	135	00:36:59:2	Mandeville	Turnover	Positive	P.P.
136	00:38:07:2	Mandeville	Goal Inbo	Goal	P.D.	136	00:37:14:1	Mandeville	Side Inbo	Goal	G.W.
137	00:38:54:1	Mandeville	Turnover	Positive	Other -	137	00:38:08:2	Mandeville	Goal Inbo	Goal	P.D.
138	00:39:07:1	Mandeville	Side Inbo	Negative	Other -	138	00:38:49:1	Mandeville	Turnover	Positive	other
139	00:39:43:2	Mandeville	Turnover	Positive	Other -	139	00:39:08:0	Mandeville	Side Inbo	Negative	other
140	00:39:52:0	Mandeville	Side Inbo	Negative	P.P.	140	00:39:32:2	Mandeville	Turnover	Positive	other
141	00:40:29:1	Mandeville	Goal Inbo	Negative	other +	141	00:39:50:2	Mandeville	Side Inbo	Negative	P.P.
142	00:40:54:0	Mandeville	Side Inbo	Goal	P.D.	142	00:40:28:1	Mandeville	Goal Inbo	Negative	other
143	00:41:48:1	Mandeville	Goal Inbo	Negative	Other -	143	00:40:53:0	Mandeville	Side Inbo	Goal	P.D.
144	00:42:36:1	Mandeville	Goal Inbo	Negative	P.W.	144	00:41:46:0	Mandeville	Goal Inbo	Negative	other
145	00:43:11:2	Mandeville	Side Inbo	Goal	P.D.	145	00:42:34:1	Mandeville	Goal Inbo	Negative	P.W.
146	00:43:48:0	Mandeville	Turnover	Positive	P.P.	146	00:43:11:0	Mandeville	Side Inbo	Goal	P.D.
147	00:44:40:0	Mandeville	Goal Inbo	Negative	P.P.	147	00:44:40:0	Mandeville	Goal Inbo	Negative	P.P.
148	00:45:00:0	Mandeville	Turnover	Goal	P.P.	148	00:44:56:1	Mandeville	Turnover	Goal	P.P.
149	00:45:44:0	Mandeville	Goal Inbo	Negative	P.P.	149	00:45:44:0	Mandeville	Goal Inbo	Negative	P.P.
150	00:46:52:0	Mandeville	Goal Inbo	Negative	P.P.	150	00:46:50:0	Mandeville	Goal Inbo	Negative	P.P.
151	00:47:19:0	Mandeville	Turnover	Positive	Other -	151	00:47:18:0	Mandeville	Turnover	Positive	other
152	00:47:41:0	Mandeville	Side Inbo	Goal	P.D.	152	00:47:41:1	Mandeville	Side Inbo	Goal	P.D.
153	00:48:54:2	Mandeville	Goal Inbo	Negative	P.P.	153	00:48:54:1	Mandeville	Goal Inbo	Negative	P.P.
154	00:49:27:0	Mandeville	Goal Inbo	Goal	P.D.	154	00:49:22:2	Mandeville	Goal Inbo	Goal	P.D.
155	00:50:52:1	Mandeville	Turnover	Positive	G.D.	155	00:50:51:0	Mandeville	Turnover	Positive	C.V.
156	00:51:14:1	Mandeville	Side Inbo	Negative	P.P.	156	00:51:10:0	Mandeville	Side Inbo	Negative	P.P.
157	00:51:40:0	Mandeville	Side Inbo	Goal	P.D.	157	00:51:39:2	Mandeville	Side Inbo	Goal	P.D.
158	00:53:04:2	Mandeville	Goal Inbo	Negative	P.P.	158	00:53:06:2	Mandeville	Goal Inbo	Negative	P.P.
159	00:53:46:1	Mandeville	Goal Inbo	Goal	P.D.	159	00:53:46:0	Mandeville	Goal Inbo	Goal	P.D.
160	00:54:42:1	Mandeville	Turnover	Positive	P.W.	160	00:54:39:0	Mandeville	Turnover	Positive	P.W.
161	00:54:55:1	Mandeville	Side Inbo	Negative	P.P.	161	00:54:55:0	Mandeville	Side Inbo	Negative	P.P.
162	00:55:20:0	Mandeville	Goal Inbo	Negative	P.P.	162	00:55:19:2	Mandeville	Goal Inbo	Negative	P.P.
163	00:55:55:0	Mandeville	Goal Inbo	Goal	P.D.	163	00:55:53:2	Mandeville	Goal Inbo	Goal	G.P.
164	00:56:57:0	Mandeville	Goal Inbo	Negative	P.P.	164	00:56:57:2	Mandeville	Goal Inbo	Negative	P.P.
165	00:57:30:1	Mandeville	Goal Inbo	Negative	P.P.	165	00:57:24:0	Mandeville	Goal Inbo	Negative	P.P.
166	00:57:51:2	Mandeville	Goal Inbo	Negative	P.P.	166	00:57:46:1	Mandeville	Goal Inbo	Negative	P.P.
167	00:58:50:0	Mandeville	Side Inbo	Goal	P.D.						

RELIABILITY ANALYSIS: GAME 2 WESTERN PROVINCE A VS NORTHERN GAUTENG B											
RELIABILITY ANALYSIS						ORIGINAL ANALYSIS					
Event	Video Tim	Teams	Events	Outcomes	Reasons	Event	Video Tim	Teams	Events	Outcomes	Reasons
1	00:01:41:1	W.P.A.	Turnover	Goal	P.D.	1	00:01:36:2	W.P.A.	Turnover	Goal	P.D.
2	00:02:27:1	W.P.A.	Turnover	Goal	P.P.	2	00:02:24:1	W.P.A.	Turnover	Goal	P.P.
3	00:03:06:0	W.P.A.	Turnover	Goal	P.P.	3	00:03:06:1	W.P.A.	Turnover	Goal	P.P.
4	00:03:58:0	W.P.A.	Turnover	Positive	P.P.	4	00:03:49:2	W.P.A.	Turnover	Positive	P.P.
5	00:04:11:2	W.P.A.	Side Inbou	Goal	G.P.	5	00:04:10:2	W.P.A.	Side Inbou	Goal	G.P.
6	00:04:55:1	W.P.A.	Turnover	Goal	P.P.	6	00:04:46:0	W.P.A.	Turnover	Goal	P.P.
7	00:06:04:0	W.P.A.	Goal Inbou	Goal	P.D.	7	00:06:03:0	W.P.A.	Goal Inbou	Goal	P.D.
8	00:06:52:2	W.P.A.	Turnover	Positive	Other -	8	00:06:52:1	W.P.A.	Turnover	Positive	Other -
9	00:07:30:1	W.P.A.	Side Inbou	Negative	P.W.	9	00:07:29:1	W.P.A.	Side Inbou	Negative	P.P.
10	00:08:36:1	W.P.A.	Side Inbou	Negative	P.P.	10	00:08:32:2	W.P.A.	Side Inbou	Negative	P.P.
11	00:09:00:2	W.P.A.	Side Inbou	Goal	P.D.	11	00:08:55:0	W.P.A.	Side Inbou	Goal	P.D.
12	00:09:24:2	W.P.A.	Turnover	Positive	P.P.	12	00:09:26:2	W.P.A.	Turnover	Positive	P.P.
13	00:09:42:2	W.P.A.	Side Inbou	Negative	P.P.	13	00:09:41:0	W.P.A.	Side Inbou	Negative	G.D.
14	00:09:55:0	W.P.A.	Side Inbou	Goal	P.D.	14	00:09:59:0	W.P.A.	Side Inbou	Goal	G.W.
15	00:11:19:2	W.P.A.	Turnover	Positive	P.W.	15	00:11:16:1	W.P.A.	Turnover	Positive	P.W.
16	00:11:44:1	W.P.A.	Side Inbou	Negative	P.W.	16	00:11:48:0	W.P.A.	Side Inbou	Negative	P.W.
17	00:12:17:0	W.P.A.	Turnover	Positive	P.P.	17	00:12:16:1	W.P.A.	Turnover	Positive	G.D.
18	00:12:28:1	W.P.A.	Side Inbou	Goal	G.P.	18	00:12:27:0	W.P.A.	Side Inbou	Goal	P.D.
19	00:13:31:0	W.P.A.	Goal Inbou	Negative	P.P.	19	00:13:31:0	W.P.A.	Goal Inbou	Negative	P.W.
20	00:14:14:2	W.P.A.	Side Inbou	Negative	10&15sec	20	00:14:15:0	W.P.A.	Side Inbou	Negative	10&15sec
21	00:15:04:2	W.P.A.	Turnover	Goal	P.P.	21	00:15:05:1	W.P.A.	Turnover	Goal	P.P.
22	00:15:36:1	W.P.A.	Turnover	Goal	P.P.	22	00:15:33:1	W.P.A.	Turnover	Goal	P.P.
23	00:15:59:0	W.P.A.	Turnover	Goal	P.P.	23	00:15:58:1	W.P.A.	Turnover	Goal	P.P.
24	00:16:20:0	W.P.A.	Turnover	Positive	P.P.	24	00:16:20:1	W.P.A.	Turnover	Positive	P.P.
25	00:16:34:0	W.P.A.	Side Inbou	Goal	G.P.	25	00:16:32:0	W.P.A.	Side Inbou	Goal	G.P.
26	00:17:14:0	W.P.A.	Turnover	Positive	C.V.	26	00:17:51:1	W.P.A.	Turnover	Positive	P.W.
27	00:17:41:1	W.P.A.	Turnover	Positive	P.W.	27	00:18:12:2	W.P.A.	Side Inbou	Negative	P.P.
28	00:18:11:0	W.P.A.	Side Inbou	Negative	P.P.	28	00:19:05:1	W.P.A.	Turnover	Positive	P.P.
29	00:19:06:1	W.P.A.	Turnover	Positive	P.P.	29	00:19:31:2	W.P.A.	Side Inbou	Negative	P.W.
30	00:19:32:1	W.P.A.	Side Inbou	Negative	P.W.	30	00:20:13:0	W.P.A.	Turnover	Positive	P.P.
31	00:20:02:1	W.P.A.	Turnover	Positive	P.P.	31	00:20:34:0	W.P.A.	Side Inbou	Goal	G.P.
32	00:20:35:2	W.P.A.	Side Inbou	Goal	P.D.	32	00:21:22:1	W.P.A.	Turnover	Positive	P.P.
33	00:21:17:0	W.P.A.	Turnover	Positive	P.P.	33	00:21:37:0	W.P.A.	Side Inbou	Negative	P.P.
34	00:21:39:1	W.P.A.	Side Inbou	Negative	P.P.	34	00:22:12:0	W.P.A.	Turnover	Positive	P.P.
35	00:22:12:1	W.P.A.	Turnover	Positive	P.P.	35	00:22:35:2	W.P.A.	Side Inbou	Negative	P.P.
36	00:22:34:1	W.P.A.	Side Inbou	Negative	P.P.	36	00:23:04:1	W.P.A.	Side Inbou	Goal	G.P.
37	00:23:04:0	W.P.A.	Side Inbou	Goal	P.D.	37	00:24:01:1	W.P.A.	Goal Inbou	Negative	P.P.
38	00:23:58:2	W.P.A.	Goal Inbou	Negative	P.P.	38	00:24:49:0	W.P.A.	Side Inbou	Goal	P.D.
39	00:24:50:0	W.P.A.	Side Inbou	Goal	P.D.	39	00:25:26:2	W.P.A.	Turnover	Positive	P.W.
40	00:25:26:0	W.P.A.	Turnover	Positive	P.W.	40	00:25:46:1	W.P.A.	Side Inbou	Negative	P.W.
41	00:25:46:2	W.P.A.	Side Inbou	Negative	P.W.	41	00:26:37:0	W.P.A.	Goal Inbou	Negative	P.P.
42	00:26:39:1	W.P.A.	Goal Inbou	Negative	P.P.	42	00:27:16:2	W.P.A.	Side Inbou	Goal	P.D.
43	00:27:16:1	W.P.A.	Side Inbou	Goal	P.D.	43	00:28:24:2	W.P.A.	Turnover	Positive	P.P.
44	00:28:24:2	W.P.A.	Turnover	Positive	P.P.	44	00:28:45:1	W.P.A.	Side Inbou	Goal	G.P.
45	00:28:44:2	W.P.A.	Side Inbou	Goal	G.P.	45	00:29:27:1	W.P.A.	Turnover	Positive	P.P.
46	00:29:25:0	W.P.A.	Turnover	Positive	P.P.	46	00:30:07:0	W.P.A.	Side Inbou	Goal	P.D.
47	00:29:48:0	W.P.A.	Side Inbou	Goal	P.D.	47	00:30:26:2	W.P.A.	Turnover	Positive	P.P.
48	00:30:30:0	W.P.A.	Turnover	Positive	P.P.	48	00:30:54:0	W.P.A.	Side Inbou	Goal	P.D.
49	00:30:57:0	W.P.A.	Side Inbou	Goal	P.D.	49	00:31:29:0	W.P.A.	Turnover	Goal	P.P.
50	00:31:28:1	W.P.A.	Turnover	Goal	P.P.	50	00:32:04:0	W.P.A.	Turnover	Goal	P.P.
51	00:32:03:2	W.P.A.	Turnover	Goal	P.P.	51	00:32:25:1	W.P.A.	Turnover	Positive	P.P.
52	00:32:27:1	W.P.A.	Turnover	Positive	P.P.	52	00:32:42:1	W.P.A.	Side Inbou	Goal	P.D.
53	00:33:00:1	W.P.A.	Side Inbou	Goal	P.D.	53	00:34:06:1	W.P.A.	Turnover	Positive	P.W.
54	00:34:07:2	W.P.A.	Turnover	Positive	P.W.	54	00:34:30:2	W.P.A.	Side Inbou	Negative	P.W.
55	00:34:32:1	W.P.A.	Side Inbou	Negative	P.W.	55	00:35:59:0	W.P.A.	Turnover	Positive	P.P.
56	00:35:48:2	W.P.A.	Turnover	Positive	C.V.	56	00:36:12:2	W.P.A.	Side Inbou	Goal	P.D.
57	00:36:13:2	W.P.A.	Side Inbou	Goal	P.D.	57	00:36:53:1	W.P.A.	Turnover	Positive	C.V.
58	00:37:04:0	W.P.A.	Turnover	Positive	C.V.	58	00:37:39:2	W.P.A.	Side Inbou	Goal	P.D.
59	00:37:40:0	W.P.A.	Side Inbou	Goal	P.D.	59	00:39:00:2	W.P.A.	Turnover	Positive	P.W.
60	00:38:54:2	W.P.A.	Turnover	Positive	P.P.	60	00:39:23:0	W.P.A.	Side Inbou	Goal	P.D.
61	00:39:22:0	W.P.A.	Side Inbou	Goal	P.D.	61	00:41:13:0	W.P.A.	Turnover	Positive	P.P.
62	00:41:13:0	W.P.A.	Turnover	Positive	P.P.	62	00:41:54:0	W.P.A.	Side Inbou	Goal	P.D.
63	00:41:52:2	W.P.A.	Side Inbou	Goal	P.D.	63	00:42:18:0	W.P.A.	Turnover	Positive	P.P.
64	00:42:25:0	W.P.A.	Turnover	Positive	P.W.	64	00:42:36:1	W.P.A.	Side Inbou	Negative	P.P.
65	00:42:38:0	W.P.A.	Side Inbou	Negative	Other -	65	00:43:04:1	W.P.A.	Side Inbou	Negative	P.P.
66	00:43:04:1	W.P.A.	Side Inbou	Negative	P.P.	66	00:43:32:1	W.P.A.	Turnover	Goal	P.P.
67	00:43:34:1	W.P.A.	Turnover	Goal	P.P.	67	00:44:27:2	W.P.A.	Turnover	Goal	P.P.
68	00:44:25:1	W.P.A.	Turnover	Goal	P.P.	68	00:45:12:0	W.P.A.	Turnover	Goal	P.P.
69	00:45:12:2	W.P.A.	Turnover	Goal	P.P.	69	00:45:54:0	W.P.A.	Turnover	Goal	P.P.
70	00:45:46:2	W.P.A.	Turnover	Goal	P.P.	70	00:46:14:1	W.P.A.	Turnover	Positive	P.P.
71	00:46:21:0	W.P.A.	Turnover	Positive	P.P.	71	00:46:32:2	W.P.A.	Side Inbou	Negative	P.W.
72	00:46:34:0	W.P.A.	Side Inbou	Negative	P.W.						
73	00:47:15:1	W.P.A.	Turnover	Positive	P.P.						
RELIABILITY ANALYSIS						ORIGINAL ANALYSIS					

Event	Video Tim	Teams	Events	Outcomes	Reasons		Event	Video Tim	Teams	Events	Outcomes	Reasons
74	00:01:57:2	N. Gaut. B	Goal Inbou	Negative	P.P.		72	00:01:58:0	N.Gaut. B	Goal Inbou	Negative	P.P.
75	00:02:17:1	N. Gaut. B	Side Inbou	Negative	P.P.		73	00:02:20:1	N.Gaut. B	Side Inbou	Negative	P.P.
76	00:02:53:2	N. Gaut. B	Goal Inbou	Negative	P.P.		74	00:02:52:2	N.Gaut. B	Goal Inbou	Negative	P.P.
77	00:03:40:0	N. Gaut. B	Goal Inbou	Negative	P.P.		75	00:03:37:1	N.Gaut. B	Goal Inbou	Negative	P.P.
78	00:04:49:1	N. Gaut. B	Goal Inbou	Negative	P.P.		76	00:04:43:1	N.Gaut. B	Goal Inbou	Negative	P.P.
79	00:05:18:0	N. Gaut. B	Goal Inbou	Negative	P.P.		77	00:05:17:1	N.Gaut. B	Goal Inbou	Negative	P.P.
80	00:05:41:1	N. Gaut. B	Side Inbou	Goal	P.D.		78	00:05:38:1	N.Gaut. B	Side Inbou	Goal	G.P.
81	00:06:35:2	N. Gaut. B	Goal Inbou	Negative	Other -		79	00:06:34:1	N.Gaut. B	Goal Inbou	Negative	Other -
82	00:07:41:0	N. Gaut. B	Turnover	Positive	P.W.		80	00:09:15:1	N.Gaut. B	Goal Inbou	Negative	P.P.
83	00:09:18:0	N. Gaut. B	Goal Inbou	Negative	P.P.		81	00:10:17:0	N.Gaut. B	Goal Inbou	Negative	P.W.
84	00:10:18:2	N. Gaut. B	Goal Inbou	Negative	P.P.		82	00:10:56:1	N.Gaut. B	Side Inbou	Negative	P.W.
85	00:11:00:0	N. Gaut. B	Goal Inbou	Negative	P.W.		83	00:11:57:1	N.Gaut. B	Turnover	Positive	P.W.
86	00:11:54:0	N. Gaut. B	Turnover	Positive	P.W.		84	00:12:11:1	N.Gaut. B	Side Inbou	Negative	P.P.
87	00:12:16:0	N. Gaut. B	Side Inbou	Negative	P.P.		85	00:13:05:2	N.Gaut. B	Goal Inbou	Goal	G.P.
88	00:13:07:0	N. Gaut. B	Goal Inbou	Goal	G.P.		86	00:14:17:1	N.Gaut. B	Turnover	Positive	10&15sec
89	00:14:22:1	N. Gaut. B	Turnover	Positive	10&15sec		87	00:14:56:2	N.Gaut. B	Side Inbou	Negative	P.P.
90	00:14:56:2	N. Gaut. B	Side Inbou	Negative	P.P.		88	00:15:33:1	N.Gaut. B	Goal Inbou	Negative	P.P.
91	00:15:33:1	N. Gaut. B	Goal Inbou	Negative	P.P.		89	00:15:52:0	N.Gaut. B	Goal Inbou	Negative	P.P.
92	00:15:54:0	N. Gaut. B	Goal Inbou	Negative	P.P.		90	00:16:17:1	N.Gaut. B	Goal Inbou	Negative	P.P.
93	00:16:18:0	N. Gaut. B	Goal Inbou	Negative	P.P.		91	00:17:09:2	N.Gaut. B	Goal Inbou	Negative	P.W.
94	00:17:11:1	N. Gaut. B	Goal Inbou	Negative	C.V.		92	00:18:17:1	N.Gaut. B	Turnover	Positive	P.P.
95	00:17:33:1	N. Gaut. B	Goal Inbou	Negative	P.W.		93	00:18:39:1	N.Gaut. B	Side Inbou	Negative	P.P.
96	00:18:23:1	N. Gaut. B	Turnover	Positive	P.P.		94	00:19:04:1	N.Gaut. B	Side Inbou	Negative	P.P.
97	00:18:40:1	N. Gaut. B	Side Inbou	Negative	P.P.		95	00:19:35:0	N.Gaut. B	Turnover	Positive	P.W.
98	00:19:06:0	N. Gaut. B	Side Inbou	Negative	P.P.		96	00:19:58:2	N.Gaut. B	Side Inbou	Negative	P.P.
99	00:19:33:2	N. Gaut. B	Turnover	Positive	P.W.		97	00:21:04:0	N.Gaut. B	Goal Inbou	Negative	P.P.
100	00:19:54:1	N. Gaut. B	Side Inbou	Negative	P.P.		98	00:21:43:1	N.Gaut. B	Turnover	Positive	P.P.
101	00:21:03:1	N. Gaut. B	Goal Inbou	Negative	P.P.		99	00:22:03:0	N.Gaut. B	Side Inbou	Negative	P.P.
102	00:21:49:1	N. Gaut. B	Turnover	Positive	P.P.		100	00:23:25:1	N.Gaut. B	Goal Inbou	Goal	G.P.
103	00:22:03:0	N. Gaut. B	Side Inbou	Negative	P.P.		101	00:25:15:0	N.Gaut. B	Goal Inbou	Negative	P.W.
104	00:23:26:0	N. Gaut. B	Goal Inbou	Goal	P.D.		102	00:25:46:2	N.Gaut. B	Turnover	Positive	P.W.
105	00:25:13:1	N. Gaut. B	Goal Inbou	Negative	P.W.		103	00:26:08:1	N.Gaut. B	Side Inbou	Goal	G.P.
106	00:26:10:2	N. Gaut. B	Side Inbou	Goal	G.P.		104	00:27:34:0	N.Gaut. B	Goal Inbou	Negative	G.D.
107	00:27:35:1	N. Gaut. B	Goal Inbou	Negative	G.D.		105	00:27:57:2	N.Gaut. B	Side Inbou	Negative	P.P.
108	00:27:55:0	N. Gaut. B	Side Inbou	Negative	P.P.		106	00:28:14:0	N.Gaut. B	Side Inbou	Negative	P.P.
109	00:28:25:1	N. Gaut. B	Side Inbou	Negative	P.P.		107	00:29:09:1	N.Gaut. B	Goal Inbou	Negative	P.P.
110	00:29:08:0	N. Gaut. B	Goal Inbou	Negative	P.P.		108	00:29:24:0	N.Gaut. B	Side Inbou	Negative	P.P.
111	00:29:25:1	N. Gaut. B	Side Inbou	Negative	P.P.		109	00:30:21:1	N.Gaut. B	Goal Inbou	Negative	P.P.
112	00:30:24:0	N. Gaut. B	Goal Inbou	Negative	P.P.		110	00:31:21:2	N.Gaut. B	Goal Inbou	Negative	P.P.
113	00:31:24:1	N. Gaut. B	Goal Inbou	Negative	P.P.		111	00:31:48:1	N.Gaut. B	Goal Inbou	Negative	P.P.
114	00:31:51:0	N. Gaut. B	Goal Inbou	Negative	P.P.		112	00:32:22:0	N.Gaut. B	Goal Inbou	Negative	P.P.
115	00:32:24:0	N. Gaut. B	Goal Inbou	Negative	P.P.		113	00:33:21:1	N.Gaut. B	Goal Inbou	Negative	P.W.
116	00:33:24:0	N. Gaut. B	Goal Inbou	Negative	P.W.		114	00:33:58:2	N.Gaut. B	Side Inbou	Negative	P.W.
117	00:34:02:0	N. Gaut. B	Side Inbou	Negative	P.W.		115	00:35:11:1	N.Gaut. B	Turnover	Positive	P.W.
118	00:35:41:1	N. Gaut. B	Side Inbou	Negative	C.V.		116	00:35:36:2	N.Gaut. B	Side Inbou	Negative	P.P.
119	00:36:38:0	N. Gaut. B	Goal Inbou	Negative	C.V.		117	00:36:37:1	N.Gaut. B	Goal Inbou	Negative	C.V.
120	00:38:36:1	N. Gaut. B	Goal Inbou	Negative	P.P.		118	00:38:36:1	N.Gaut. B	Goal Inbou	Negative	P.W.
121	00:39:42:0	N. Gaut. B	Goal Inbou	Negative	P.P.		119	00:39:41:0	N.Gaut. B	Goal Inbou	Negative	P.P.
122	00:40:23:0	N. Gaut. B	Side Inbou	Negative	P.P.		120	00:40:16:1	N.Gaut. B	Side Inbou	Negative	P.P.
123	00:41:07:1	N. Gaut. B	Side Inbou	Negative	P.P.		121	00:41:06:1	N.Gaut. B	Side Inbou	Negative	P.P.
124	00:42:16:0	N. Gaut. B	Goal Inbou	Negative	P.W.		122	00:42:14:1	N.Gaut. B	Goal Inbou	Negative	P.P.
125	00:43:06:0	N. Gaut. B	Turnover	Positive	P.P.		123	00:43:02:2	N.Gaut. B	Turnover	Positive	P.P.
126	00:43:27:0	N. Gaut. B	Side Inbou	Negative	P.P.		124	00:43:27:0	N.Gaut. B	Side Inbou	Negative	P.P.
127	00:44:21:1	N. Gaut. B	Goal Inbou	Negative	P.P.		125	00:44:21:0	N.Gaut. B	Goal Inbou	Negative	P.P.
128	00:45:06:1	N. Gaut. B	Goal Inbou	Negative	P.P.		126	00:45:03:0	N.Gaut. B	Goal Inbou	Negative	P.P.
129	00:45:43:2	N. Gaut. B	Goal Inbou	Negative	P.P.		127	00:45:43:0	N.Gaut. B	Goal Inbou	Negative	P.P.
130	00:46:11:0	N. Gaut. B	Goal Inbou	Negative	P.P.		128	00:46:11:0	N.Gaut. B	Goal Inbou	Negative	P.P.
131	00:46:40:1	N. Gaut. B	Turnover	Positive	P.W.		129	00:46:44:0	N.Gaut. B	Turnover	Positive	P.W.
132	00:47:04:1	N. Gaut. B	Side Inbou	Negative	P.P.		130	00:47:03:1	N.Gaut. B	Side Inbou	Negative	P.P.
							131	00:47:47:0	N.Gaut. B	Side Inbou	Negative	G.D.

RELIABILITY ANALYSIS: GAME 3 AUSTRALIA VS NEW ZEALAND											
RELIABILITY ANALYSIS						ORIGINAL ANALYSIS					
Event	Video Tim	Teams	Events	Outcomes	Reasons	Event	Video Tim	Teams	Events	Outcomes	Reasons
1	00:00:13:1	Aus	Side Inbo	Negative	G.D.	1	00:00:21:0	Aus	Side Inbo	Negative	G.D.
2	00:01:19:0	Aus	Goal Inbo	Goal	G.P.	2	00:01:16:2	Aus	Goal Inbo	Goal	G.P.
3	00:01:51:0	Aus	Goal Inbo	Goal	P.D.	3	00:01:55:0	Aus	Goal Inbo	Goal	P.D.
4	00:04:08:1	Aus	Goal Inbo	Goal	G.W.	4	00:04:06:1	Aus	Goal Inbo	Goal	G.W.
5	00:05:01:0	Aus	Goal Inbo	Goal	G.P.	5	00:05:02:1	Aus	Goal Inbo	Goal	G.P.
6	00:06:03:2	Aus	Goal Inbo	Negative	G.D.	6	00:06:01:2	Aus	Goal Inbo	Negative	G.D.
7	00:07:01:0	Aus	Goal Inbo	Goal	G.P.	7	00:07:00:0	Aus	Goal Inbo	Goal	G.P.
8	00:07:48:1	Aus	Goal Inbo	Goal	G.W.	8	00:07:49:1	Aus	Goal Inbo	Goal	G.W.
9	00:08:40:1	Aus	Goal Inbo	Goal	P.D.	9	00:08:37:1	Aus	Goal Inbo	Goal	G.P.
10	00:09:25:0	Aus	Goal Inbo	Goal	G.W.	10	00:09:23:1	Aus	Goal Inbo	Goal	P.D.
11	00:10:11:1	Aus	Goal Inbo	Goal	G.W.	11	00:10:10:0	Aus	Goal Inbo	Goal	G.W.
12	00:10:40:2	Aus	Turnover	Positive	P.P.	12	00:10:42:0	Aus	Turnover	Positive	P.P.
13	00:11:16:1	Aus	Side Inbo	Goal	G.P.	13	00:11:19:1	Aus	Side Inbo	Goal	G.P.
14	00:11:48:1	Aus	Turnover	Positive	P.P.	14	00:11:44:2	Aus	Turnover	Positive	G.D.
15	00:12:30:2	Aus	Side Inbo	Goal	P.D.	15	00:12:31:0	Aus	Side Inbo	Goal	G.P.
16	00:13:00:0	Aus	Goal Inbo	Goal	P.D.	16	00:12:59:1	Aus	Goal Inbo	Goal	G.P.
17	00:14:47:1	Aus	Goal Inbo	Negative	Other -	17	00:14:49:0	Aus	Goal Inbo	Negative	other
18	00:15:28:0	Aus	Goal Inbo	Goal	G.W.	18	00:15:28:2	Aus	Goal Inbo	Goal	G.W.
19	00:16:21:0	Aus	Goal Inbo	Goal	G.W.	19	00:16:20:0	Aus	Goal Inbo	Goal	G.W.
20	00:18:03:1	Aus	Goal Inbo	Negative	other +	20	00:18:03:1	Aus	Goal Inbo	Negative	other
21	00:18:48:1	Aus	Side Inbo	Goal	G.W.	21	00:18:44:1	Aus	Side Inbo	Goal	G.W.
22	00:20:52:2	Aus	Goal Inbo	Goal	P.D.	22	00:20:52:2	Aus	Goal Inbo	Goal	P.D.
23	00:21:48:1	Aus	Goal Inbo	Goal	Other -	23	00:21:44:1	Aus	Goal Inbo	Goal	other
24	00:22:49:0	Aus	Goal Inbo	Goal	G.W.	24	00:22:50:0	Aus	Goal Inbo	Goal	G.W.
25	00:23:32:0	Aus	Goal Inbo	Goal	G.W.	25	00:23:32:2	Aus	Goal Inbo	Goal	G.W.
26	00:24:41:1	Aus	Goal Inbo	Goal	G.W.	26	00:24:41:1	Aus	Goal Inbo	Goal	G.W.
27	00:26:13:1	Aus	Goal Inbo	Goal	G.P.	27	00:26:12:2	Aus	Goal Inbo	Goal	G.P.
28	00:27:14:0	Aus	Goal Inbo	Goal	G.P.	28	00:27:12:1	Aus	Goal Inbo	Negative	P.P.
29	00:28:17:1	Aus	Turnover	Positive	G.D.	29	00:28:22:1	Aus	Turnover	Positive	G.D.
30	00:28:52:0	Aus	Side Inbo	Goal	G.P.	30	00:28:52:0	Aus	Side Inbo	Goal	G.P.
31	00:31:55:1	Aus	Side Inbo	Negative	G.D.	31	00:32:00:2	Aus	Side Inbo	Negative	G.D.
32	00:32:50:2	Aus	Goal Inbo	Goal	G.P.	32	00:32:51:0	Aus	Goal Inbo	Goal	G.P.
33	00:33:37:2	Aus	Turnover	Positive	P.P.	33	00:33:57:0	Aus	Side Inbo	Goal	P.D.
34	00:33:56:0	Aus	Side Inbo	Goal	P.D.	34	00:34:32:0	Aus	Side Inbo	Negative	other
35	00:34:15:2	Aus	Turnover	Positive	P.P.	35	00:35:20:1	Aus	Side Inbo	Goal	G.P.
36	00:34:34:0	Aus	Side Inbo	Negative	Other -	36	00:36:17:1	Aus	Goal Inbo	Goal	G.P.
37	00:35:24:0	Aus	Side Inbo	Goal	P.D.	37	00:37:24:0	Aus	Goal Inbo	Goal	G.W.
38	00:36:20:2	Aus	Goal Inbo	Goal	G.P.	38	00:38:16:1	Aus	Goal Inbo	Goal	G.W.
39	00:37:23:1	Aus	Goal Inbo	Goal	G.W.	39	00:39:20:1	Aus	Goal Inbo	Negative	P.P.
40	00:38:18:0	Aus	Goal Inbo	Goal	G.W.	40	00:39:59:2	Aus	Goal Inbo	Negative	other
41	00:39:21:0	Aus	Goal Inbo	Negative	other +	41	00:40:35:2	Aus	Side Inbo	Goal	G.P.
42	00:40:00:0	Aus	Goal Inbo	Negative	other +	42	00:41:36:0	Aus	Goal Inbo	Negative	P.P.
43	00:40:37:0	Aus	Side Inbo	Goal	G.P.	43	00:43:10:2	Aus	Goal Inbo	Goal	G.W.
44	00:41:37:1	Aus	Goal Inbo	Negative	G.D.	44	00:44:30:0	Aus	Goal Inbo	Goal	G.P.
45	00:43:10:1	Aus	Goal Inbo	Goal	G.W.	45	00:48:08:1	Aus	Goal Inbo	Negative	other
46	00:44:29:0	Aus	Goal Inbo	Goal	G.P.	46	00:48:42:1	Aus	Goal Inbo	Goal	G.W.
47	00:48:08:1	Aus	Goal Inbo	Negative	Other -	47	00:50:33:1	Aus	Goal Inbo	Negative	other
48	00:48:42:0	Aus	Goal Inbo	Goal	G.P.	48	00:52:02:0	Aus	Side Inbo	Goal	G.P.
49	00:50:33:0	Aus	Goal Inbo	Negative	Other -	49	00:53:12:1	Aus	Goal Inbo	Negative	P.P.
50	00:52:00:0	Aus	Side Inbo	Goal	P.D.	50	00:53:49:1	Aus	Side Inbo	Goal	G.P.
51	00:53:12:1	Aus	Goal Inbo	Negative	P.P.	51	00:55:19:0	Aus	Goal Inbo	Goal	G.W.
52	00:53:49:0	Aus	Side Inbo	Goal	G.P.	52	00:56:19:1	Aus	Goal Inbo	Negative	P.P.
53	00:55:22:2	Aus	Goal Inbo	Goal	G.W.	53	00:56:54:1	Aus	Goal Inbo	Negative	other
54	00:56:13:2	Aus	Goal Inbo	Negative	P.P.	54	00:57:01:2	Aus	Goal Inbo	Negative	other
55	00:56:44:1	Aus	Goal Inbo	Negative	Other -	55	00:57:23:0	Aus	Side Inbo	Goal	P.D.
56	00:57:22:2	Aus	Side Inbo	Goal	P.D.	56	00:58:21:0	Aus	Goal Inbo	Negative	other
57	00:58:21:1	Aus	Goal Inbo	Negative	Other -	57	00:58:58:0	Aus	Side Inbo	Goal	P.D.
58	00:58:59:0	Aus	Side Inbo	Goal	P.D.	58	01:00:01:2	Aus	Goal Inbo	Goal	G.W.
59	01:00:02:1	Aus	Goal Inbo	Goal	G.W.	59	01:01:30:0	Aus	Goal Inbo	Goal	G.P.
60	01:01:32:0	Aus	Goal Inbo	Goal	P.D.	60	01:02:34:0	Aus	Goal Inbo	Negative	P.W.
61	01:02:34:1	Aus	Goal Inbo	Negative	P.P.	61	01:03:12:0	Aus	Goal Inbo	Goal	G.W.
62	01:03:11:1	Aus	Goal Inbo	Goal	G.W.	62	01:04:07:1	Aus	Goal Inbo	Negative	other
63	01:04:08:0	Aus	Goal Inbo	Negative	Other -						

Event	Video Tim	Teams	Events	Outcomes	Reasons	Event	Video Tim	Teams	Events	Outcomes	Reasons
64	00:00:29:0	N.Z.	Turnover	Positive	G.D.	63	00:00:27:0	N.Z.	Turnover	Positive	G.D.
65	00:00:54:1	N.Z.	Side Inbo	Goal	P.D.	64	00:00:48:1	N.Z.	Side Inbo	Goal	P.D.
66	00:01:38:0	N.Z.	Goal Inbo	Goal	G.W.	65	00:01:35:1	N.Z.	Goal Inbo	Goal	G.W.
67	00:02:14:1	N.Z.	Goal Inbo	Negative	other +	66	00:02:17:0	N.Z.	Goal Inbo	Negative	G.D.
68	00:03:58:0	N.Z.	Side Inbo	Goal	P.D.	67	00:03:47:2	N.Z.	Side Inbo	Goal	P.D.
69	00:04:27:0	N.Z.	Goal Inbo	Goal	G.P.	68	00:04:26:0	N.Z.	Goal Inbo	Goal	G.P.
70	00:05:41:1	N.Z.	Goal Inbo	Goal	G.P.	69	00:05:44:0	N.Z.	Goal Inbo	Goal	G.P.
71	00:06:10:2	N.Z.	Turnover	Positive	G.D.	70	00:06:13:2	N.Z.	Turnover	Positive	G.D.
72	00:06:37:1	N.Z.	Side Inbo	Goal	G.W.	71	00:06:35:0	N.Z.	Side Inbo	Goal	G.W.
73	00:07:25:1	N.Z.	Goal Inbo	Goal	G.P.	72	00:07:24:1	N.Z.	Goal Inbo	Goal	G.P.
74	00:08:07:2	N.Z.	Goal Inbo	Goal	G.P.	73	00:08:07:2	N.Z.	Goal Inbo	Goal	P.D.
75	00:09:02:1	N.Z.	Goal Inbo	Goal	G.P.	74	00:09:02:1	N.Z.	Goal Inbo	Goal	P.D.
76	00:09:48:1	N.Z.	Goal Inbo	Goal	G.P.	75	00:09:44:1	N.Z.	Goal Inbo	Goal	G.P.
77	00:10:31:0	N.Z.	Goal Inbo	Negative	P.P.	76	00:10:31:0	N.Z.	Goal Inbo	Negative	P.P.
78	00:11:40:0	N.Z.	Goal Inbo	Negative	P.P.	77	00:11:38:1	N.Z.	Goal Inbo	Negative	P.P.
79	00:12:43:0	N.Z.	Goal Inbo	Goal	G.P.	78	00:12:42:1	N.Z.	Goal Inbo	Goal	G.P.
80	00:13:50:2	N.Z.	Goal Inbo	Goal	G.P.	79	00:13:50:1	N.Z.	Goal Inbo	Goal	G.W.
81	00:15:09:1	N.Z.	Side Inbo	Goal	G.P.	80	00:15:10:0	N.Z.	Side Inbo	Goal	G.P.
82	00:15:53:1	N.Z.	Goal Inbo	Goal	G.P.	81	00:15:53:1	N.Z.	Goal Inbo	Goal	G.P.
83	00:17:09:2	N.Z.	Goal Inbo	Negative	Other -	82	00:17:11:0	N.Z.	Goal Inbo	Negative	other
84	00:17:39:2	N.Z.	Goal Inbo	Goal	G.W.	83	00:17:39:0	N.Z.	Goal Inbo	Goal	G.W.
85	00:19:20:2	N.Z.	Goal Inbo	Negative	P.P.	84	00:19:21:0	N.Z.	Goal Inbo	Negative	P.P.
86	00:20:06:0	N.Z.	Side Inbo	Goal	G.W.	85	00:20:01:0	N.Z.	Side Inbo	Goal	G.W.
87	00:21:08:1	N.Z.	Goal Inbo	Goal	G.P.	86	00:21:08:1	N.Z.	Goal Inbo	Goal	G.P.
88	00:22:20:1	N.Z.	Goal Inbo	Goal	G.W.	87	00:22:20:1	N.Z.	Goal Inbo	Goal	G.W.
89	00:23:13:1	N.Z.	Goal Inbo	Goal	G.P.	88	00:23:11:1	N.Z.	Goal Inbo	Goal	G.P.
90	00:24:02:2	N.Z.	Goal Inbo	Goal	G.W.	89	00:24:00:1	N.Z.	Goal Inbo	Goal	G.W.
91	00:25:02:1	N.Z.	Goal Inbo	Negative	other +	90	00:25:02:2	N.Z.	Goal Inbo	Negative	other
92	00:25:48:0	N.Z.	Side Inbo	Goal	G.W.	91	00:25:47:1	N.Z.	Side Inbo	Goal	G.W.
93	00:26:41:0	N.Z.	Goal Inbo	Goal	G.P.	92	00:26:44:2	N.Z.	Goal Inbo	Goal	G.P.
94	00:28:09:2	N.Z.	Goal Inbo	Negative	G.D.	93	00:28:08:0	N.Z.	Goal Inbo	Negative	G.D.
95	00:30:34:1	N.Z.	Goal Inbo	Negative	G.D.	94	00:30:38:0	N.Z.	Goal Inbo	Negative	G.D.
96	00:32:00:0	N.Z.	Turnover	Positive	G.D.	95	00:32:07:1	N.Z.	Turnover	Positive	G.D.
97	00:32:37:0	N.Z.	Side Inbo	Goal	P.D.	96	00:32:35:1	N.Z.	Side Inbo	Goal	P.D.
98	00:33:24:1	N.Z.	Goal Inbo	Negative	P.W.	97	00:33:25:0	N.Z.	Goal Inbo	Negative	P.P.
99	00:33:26:0	N.Z.	Goal Inbo	Negative	P.P.	98	00:34:11:1	N.Z.	Goal Inbo	Negative	P.P.
100	00:34:12:1	N.Z.	Goal Inbo	Negative	P.P.	99	00:35:54:2	N.Z.	Goal Inbo	Goal	G.P.
101	00:35:55:0	N.Z.	Goal Inbo	Goal	G.P.	100	00:36:44:1	N.Z.	Goal Inbo	Goal	G.W.
102	00:36:44:0	N.Z.	Goal Inbo	Goal	G.W.	101	00:37:45:1	N.Z.	Goal Inbo	Goal	G.P.
103	00:37:46:0	N.Z.	Goal Inbo	Goal	G.P.	102	00:38:43:2	N.Z.	Goal Inbo	Goal	G.P.
104	00:38:56:0	N.Z.	Goal Inbo	Goal	G.P.	103	00:40:51:0	N.Z.	Goal Inbo	Goal	G.W.
105	00:40:49:1	N.Z.	Goal Inbo	Goal	G.W.	104	00:41:53:2	N.Z.	Turnover	Positive	G.D.
106	00:41:54:0	N.Z.	Turnover	Positive	G.D.	105	00:42:38:1	N.Z.	Side Inbo	Goal	P.D.
107	00:42:37:1	N.Z.	Side Inbo	Goal	P.D.	106	00:44:01:0	N.Z.	Goal Inbo	Goal	G.P.
108	00:44:01:0	N.Z.	Goal Inbo	Goal	G.P.	107	00:45:46:1	N.Z.	Goal Inbo	Negative	other
109	00:45:36:2	N.Z.	Goal Inbo	Negative	other +	108	00:46:26:1	N.Z.	Side Inbo	Goal	G.P.
110	00:46:24:1	N.Z.	Side Inbo	Goal	G.P.	109	00:48:27:1	N.Z.	Side Inbo	Goal	G.W.
111	00:48:27:2	N.Z.	Side Inbo	Goal	G.W.	110	00:49:23:2	N.Z.	Goal Inbo	Negative	other
112	00:49:25:2	N.Z.	Goal Inbo	Negative	Other -	111	00:49:57:0	N.Z.	Side Inbo	Goal	G.P.
113	00:49:59:0	N.Z.	Side Inbo	Goal	G.P.	112	00:52:21:1	N.Z.	Goal Inbo	Goal	G.P.
114	00:52:22:0	N.Z.	Goal Inbo	Goal	G.P.	113	00:54:33:0	N.Z.	Goal Inbo	Negative	other
115	00:54:34:1	N.Z.	Goal Inbo	Negative	other +	114	00:54:57:2	N.Z.	Side Inbo	Goal	G.P.
116	00:55:02:0	N.Z.	Side Inbo	Goal	G.P.	115	00:55:51:2	N.Z.	Goal Inbo	Goal	G.P.
117	00:55:50:0	N.Z.	Goal Inbo	Goal	G.P.	116	00:56:14:2	N.Z.	Turnover	Goal	P.P.
118	00:56:19:0	N.Z.	Turnover	Goal	P.P.	117	00:57:45:0	N.Z.	Goal Inbo	Goal	G.P.
119	00:57:45:0	N.Z.	Goal Inbo	Goal	G.P.	118	00:59:24:1	N.Z.	Goal Inbo	Negative	other
120	00:59:19:0	N.Z.	Goal Inbo	Negative	other +	119	00:59:46:1	N.Z.	Side Inbo	Goal	G.P.
121	00:59:43:1	N.Z.	Side Inbo	Goal	G.P.	120	01:00:26:1	N.Z.	Goal Inbo	Negative	other
122	01:00:26:2	N.Z.	Goal Inbo	Negative	Other -	121	01:00:48:1	N.Z.	Side Inbo	Goal	G.P.
123	01:00:50:0	N.Z.	Side Inbo	Goal	P.D.	122	01:02:02:1	N.Z.	Goal Inbo	Goal	G.W.
124	01:02:08:1	N.Z.	Goal Inbo	Goal	G.W.	123	01:02:48:0	N.Z.	Turnover	Goal	P.P.
125	01:02:48:0	N.Z.	Turnover	Goal	P.P.	124	01:03:48:0	N.Z.	Goal Inbo	Goal	G.P.
126	01:03:46:0	N.Z.	Goal Inbo	Goal	G.P.						
127	01:03:46:1	N.Z.	Goal Inbo	Goal	G.P.						

RELIABILITY GAME 1: HAWKS VS MANDEVILLE

Teams(reliability)			
167	Total	Hawks	Mandeville
Total	167	82	85
Hawks	82	82	
Mandeville	85		85

Total Agreement of Game 1 = 95.41%
 Agreement of Reasons Category = 88.02%
 Agreement of Outcomes Category = 99.40%
 Agreement of Events Category = 99.40%

Teams(original)			
Total	166	82	84
Hawks	82	82	
Mandeville	84		84

Events(reliability)				
167	Total	Goal Inbounds	Side Inbounds	Turnover
Total	167	64	54	49
Hawks	82	26	26	30
Mandeville	85	38	28	19

Events(original)				
166	Total	Goal Inbounds	Side Inbounds	Turnover
Total	166	63	53	50
Hawks	82	25	26	31
Mandeville	84	38	27	19

Outcomes(reliability)			
167 Total	Positive	Negative	Goal
Total	167	43	61
Hawks	82	26	19
Mandeville	85	17	42

Outcomes(original)			
166 Total	Positive	Negative	Goal
Total	166	45	61
Hawks	82	28	19
Mandeville	84	17	42

Reasons(reliability)										
167	Total	G.P.	G.W.	P.D.	P.P.	P.W.	G.D.	10&15sec	C.V.	4inkey
Total	167	22	5	30	69	10	11	1	3	0
Hawks	82	21	2	10	31	4	6	1		
Mandeville	85	1	3	20	38	6	5		3	

Reasons(original)										
166	Total	G.P.	G.W.	P.D.	P.P.	P.W.	G.D.	10&15sec	C.V.	4inkey
Total	166	21	8	26	67	12	9	1	2	0
Hawks	82	17	3	12	32	3	5	1		
Mandeville	84	4	5	14	35	9	4		2	

Reasons(reliability)										
167	Total	G.P.	G.W.	P.D.	P.P.	P.W.	G.D.	10&15sec	C.V.	4inkey
Total	167	22	5	30	69	10	11	1	3	0
Hawks	82	21	2	10	31	4	6	1		
Mandeville	85	1	3	20	38	6	5		3	

Reasons(original)										
166	Total	G.P.	G.W.	P.D.	P.P.	P.W.	G.D.	10&15sec	C.V.	4inkey
Total	166	21	8	26	67	12	9	1	2	0
Hawks	82	17	3	12	32	3	5	1		
Mandeville	84	4	5	14	35	9	4		2	

RELIABILITY GAME 2: W.P.A. VS N.GAUT.B

Teams(Reliability)			
132	Total	W.P.A.	N. Gaut. B
Total	132	73	59
W.P.A.	73	73	
N. Gaut. B	59		59

Total Agreement of Game 2 = 92.23%
 Agreement of Reasons Category = 82.71%
 Agreement of Outcomes Category = 96.99%
 Agreement of Events Category = 96.99%

Teams(original)			
131	Total	W.P.A.	N. Gaut. B
Total	131	71	60
W.P.A.	71	71	
N. Gaut. B	60		60

Events(Reliability)				
132	Total	Goal Inbounds	Side Inbounds	Turnover
Total	132	36	50	46
W.P.A.	73	4	31	38
N. Gaut. B	59	32	19	8

Events(original)				
131	Total	Goal Inbounds	Side Inbounds	Turnover
Total	131	35	51	45
W.P.A.	71	4	31	36
N. Gaut. B	60	31	20	9

Outcomes(Reliability)				
132	Total	Positive	Negative	Goal
Total	132	33	64	35
W.P.A.	73	25	17	31
N. Gaut. B	59	8	47	4

Outcomes(original)				
131	Total	Positive	Negative	Goal
Total	131	32	64	35
W.P.A.	71	23	17	31
N. Gaut. B	60	9	47	4

Reasons(Reliability)										
132	Total	G.P.	G.W.	P.D.	P.P.	P.W.	G.D.	10 & 15 sec	C.V.	Other
Total	132	6	0	17	76	21	1	2	6	3
W.P.A.	73	4		15	37	11		1	3	2
N. Gaut. B	59	2		2	39	10	1	1	3	1

Reasons(original)										
131	Total	G.P.	G.W.	P.D.	P.P.	P.W.	G.D.	10 & 15 sec	C.V.	Other
Total	131	9	1	13	75	23	4	2	2	2
W.P.A.	71	5	1	13	36	11	2	1	1	1
N. Gaut. B	60	4			39	12	2	1	1	1

RELIABILITY GAME 3: AUSTRALIA VS NEW ZEALAND

Teams(reliability)		
127	Total	AUS
Total	127	63
AUS	63	63
N.Z.	64	64

Teams(original)		
124	Total	Aus
Total	124	62
Aus	62	62
N.Z.	62	62

Total Agreement of Game 3 = 91.86%
Agreement of Reasons Category = 82.68%
Agreement of Outcomes Category = 96.09%
Agreement of Events Category = 96.85%

Events(reliability)				
127	Total	Goal Inbounds	Side Inbounds	Turnover
Total	127	88	28	11
AUS	63	44	14	5
N.Z.	64	44	14	6

Events(original)				
124	Total	Goal Inbounds	Side Inbounds	Turnover
Total	124	87	28	9
Aus	62	45	14	3
N.Z.	62	42	14	6

Outcomes(reliability)				
127	Total	Positive	Negative	Goal
Total	127	9	33	85
AUS	63	5	17	41
N.Z.	64	4	16	44

Outcomes(original)				
124	Total	Positive	Negative	Goal
Total	124	7	34	83
Aus	62	3	19	40
N.Z.	62	4	15	43

Reasons(reliability)										
127	Total	G.P.	G.W.	P.D.	P.P.	P.W.	G.D.	10&15sec	C.V.	4inkey
Total	127	39	27	16	14	1	11	0	0	0
AUS	63	13	16	11	7		5			
N.Z.	64	26	11	5	7	1	6			

Reasons(original)										
124	Total	G.P.	G.W.	P.D.	P.P.	P.W.	G.D.	10&15sec	C.V.	4inkey
Total	124	40	28	12	13	1	12	0	0	0
Aus	62	17	16	6	6	1	5			
N.Z.	62	23	12	6	7		7			

APPENDIX B

Analysis of Games

INTERNATIONAL LEVEL STATISTICS									
GAME 1: AUSTRALIA VS NEW ZEALAND									
AUSTRALIA STATISTICS									
No.	Teams	Events	Outcomes	Reasons	No.	Teams	Events	Outcomes	Reasons
1	Aus	Goal Inbou	Goal	G.P.	1	Aus	Goal Inbou	Negative	G.D.
2	Aus	Goal Inbou	Goal	P.D.	2	Aus	Goal Inbou	Negative	other
3	Aus	Goal Inbou	Goal	G.W.	3	Aus	Goal Inbou	Negative	other
4	Aus	Goal Inbou	Goal	G.P.	4	Aus	Goal Inbou	Negative	P.P.
5	Aus	Goal Inbou	Goal	G.P.	5	Aus	Goal Inbou	Negative	P.P.
6	Aus	Goal Inbou	Goal	G.W.	6	Aus	Goal Inbou	Negative	other
7	Aus	Goal Inbou	Goal	G.P.	7	Aus	Goal Inbou	Negative	P.P.
8	Aus	Goal Inbou	Goal	P.D.	8	Aus	Goal Inbou	Negative	other
9	Aus	Goal Inbou	Goal	G.W.	9	Aus	Goal Inbou	Negative	other
10	Aus	Goal Inbou	Goal	G.P.	10	Aus	Goal Inbou	Negative	P.P.
11	Aus	Goal Inbou	Goal	G.W.	11	Aus	Goal Inbou	Negative	P.P.
12	Aus	Goal Inbou	Goal	G.W.	12	Aus	Goal Inbou	Negative	other
13	Aus	Goal Inbou	Goal	P.D.	13	Aus	Goal Inbou	Negative	other
14	Aus	Goal Inbou	Goal	other	14	Aus	Goal Inbou	Negative	other
15	Aus	Goal Inbou	Goal	G.W.	15	Aus	Goal Inbou	Negative	P.W.
16	Aus	Goal Inbou	Goal	G.W.	16	Aus	Goal Inbou	Negative	other
17	Aus	Goal Inbou	Goal	G.W.					
18	Aus	Goal Inbou	Goal	G.P.					
19	Aus	Goal Inbou	Goal	G.P.					
20	Aus	Goal Inbou	Goal	G.P.					
21	Aus	Goal Inbou	Goal	G.W.					
22	Aus	Goal Inbou	Goal	G.W.					
23	Aus	Goal Inbou	Goal	G.W.					
24	Aus	Goal Inbou	Goal	G.P.					
25	Aus	Goal Inbou	Goal	G.W.					
26	Aus	Goal Inbou	Goal	G.W.					
27	Aus	Goal Inbou	Goal	G.W.					
28	Aus	Goal Inbou	Goal	G.P.					
29	Aus	Goal Inbou	Goal	G.W.					
No.	Teams	Events	Outcomes	Reasons	No.	Teams	Events	Outcomes	Reasons
1	Aus	Side Inbou	Goal	G.P.	1	Aus	Side Inbou	Negative	G.D.
2	Aus	Side Inbou	Goal	G.P.	2	Aus	Side Inbou	Negative	G.D.
3	Aus	Side Inbou	Goal	G.W.	3	Aus	Side Inbou	Negative	other
4	Aus	Side Inbou	Goal	G.P.					
5	Aus	Side Inbou	Goal	P.D.					
6	Aus	Side Inbou	Goal	G.P.					
7	Aus	Side Inbou	Goal	G.P.					
8	Aus	Side Inbou	Goal	G.P.					
9	Aus	Side Inbou	Goal	G.P.					
10	Aus	Side Inbou	Goal	P.D.					
11	Aus	Side Inbou	Goal	P.D.					
No.	Teams	Events	Outcomes	Reasons	No.	Teams	Events	Outcomes	Reasons
1	Aus	Turnover	Positive	P.P.	1	Aus	Turnover	Positive	P.P.
2	Aus	Turnover	Positive	G.D.	2	Aus	Turnover	Positive	G.D.
3	Aus	Turnover	Positive	G.D.	3	Aus	Turnover	Positive	G.D.

NEW ZEALAND STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	N.Z.	Goal Inbou	Goal	G.W.
2	N.Z.	Goal Inbou	Goal	G.P.
3	N.Z.	Goal Inbou	Goal	G.P.
4	N.Z.	Goal Inbou	Goal	G.P.
5	N.Z.	Goal Inbou	Goal	P.D.
6	N.Z.	Goal Inbou	Goal	P.D.
7	N.Z.	Goal Inbou	Goal	G.P.
8	N.Z.	Goal Inbou	Goal	G.P.
9	N.Z.	Goal Inbou	Goal	G.W.
10	N.Z.	Goal Inbou	Goal	G.P.
11	N.Z.	Goal Inbou	Goal	G.W.
12	N.Z.	Goal Inbou	Goal	G.P.
13	N.Z.	Goal Inbou	Goal	G.W.
14	N.Z.	Goal Inbou	Goal	G.P.
15	N.Z.	Goal Inbou	Goal	G.W.
16	N.Z.	Goal Inbou	Goal	G.P.
17	N.Z.	Goal Inbou	Goal	G.P.
18	N.Z.	Goal Inbou	Goal	G.W.
19	N.Z.	Goal Inbou	Goal	G.P.
20	N.Z.	Goal Inbou	Goal	G.P.
21	N.Z.	Goal Inbou	Goal	G.W.
22	N.Z.	Goal Inbou	Goal	G.P.
23	N.Z.	Goal Inbou	Goal	G.P.
24	N.Z.	Goal Inbou	Goal	G.P.
25	N.Z.	Goal Inbou	Goal	G.P.
26	N.Z.	Goal Inbou	Goal	G.W.
27	N.Z.	Goal Inbou	Goal	G.P.

No.	Teams	Events	Outcomes	Reasons
1	N.Z.	Goal Inbou	Negative	G.D.
2	N.Z.	Goal Inbou	Negative	P.P.
3	N.Z.	Goal Inbou	Negative	P.P.
4	N.Z.	Goal Inbou	Negative	other
5	N.Z.	Goal Inbou	Negative	P.P.
6	N.Z.	Goal Inbou	Negative	other
7	N.Z.	Goal Inbou	Negative	G.D.
8	N.Z.	Goal Inbou	Negative	G.D.
9	N.Z.	Goal Inbou	Negative	P.P.
10	N.Z.	Goal Inbou	Negative	P.P.
11	N.Z.	Goal Inbou	Negative	other
12	N.Z.	Goal Inbou	Negative	other
13	N.Z.	Goal Inbou	Negative	other
14	N.Z.	Goal Inbou	Negative	other
15	N.Z.	Goal Inbou	Negative	other

Event	Teams	Events	Outcomes	Reasons
1	N.Z.	Turnover	Positive	G.D.
2	N.Z.	Turnover	Positive	G.D.
3	N.Z.	Turnover	Positive	G.D.
4	N.Z.	Turnover	Positive	G.D.
5	N.Z.	Turnover	Goal	P.P.
6	N.Z.	Turnover	Goal	P.P.

No.	Teams	Events	Outcomes	Reasons
1	N.Z.	Side Inbou	Goal	P.D.
2	N.Z.	Side Inbou	Goal	P.D.
3	N.Z.	Side Inbou	Goal	G.W.
4	N.Z.	Side Inbou	Goal	G.P.
5	N.Z.	Side Inbou	Goal	G.W.
6	N.Z.	Side Inbou	Goal	G.W.
7	N.Z.	Side Inbou	Goal	P.D.
8	N.Z.	Side Inbou	Goal	P.D.
9	N.Z.	Side Inbou	Goal	G.P.
10	N.Z.	Side Inbou	Goal	G.W.
11	N.Z.	Side Inbou	Goal	G.P.
12	N.Z.	Side Inbou	Goal	G.P.
13	N.Z.	Side Inbou	Goal	G.P.
14	N.Z.	Side Inbou	Goal	G.P.

GAME 2: JAPAN VS SOUTH AFRICA									
JAPAN STATISTICS									
No.	Teams	Events	Outcomes	Reasons	No.	Teams	Events	Outcomes	Reasons
1	Japan	Goal Inbou	Goal	G.P.	1	Japan	Goal Inbou	Negative	P.P.
2	Japan	Goal Inbou	Goal	other	2	Japan	Goal Inbou	Negative	P.P.
3	Japan	Goal Inbou	Goal	P.D.	3	Japan	Goal Inbou	Negative	other
4	Japan	Goal Inbou	Goal	G.W.	4	Japan	Goal Inbou	Negative	P.P.
5	Japan	Goal Inbou	Goal	G.P.	5	Japan	Goal Inbou	Negative	P.P.
6	Japan	Goal Inbou	Goal	G.W.	6	Japan	Goal Inbou	Negative	P.W.
7	Japan	Goal Inbou	Goal	G.W.	7	Japan	Goal Inbou	Negative	P.P.
8	Japan	Goal Inbou	Goal	G.W.					
9	Japan	Goal Inbou	Goal	G.W.					
10	Japan	Goal Inbou	Goal	G.P.					
11	Japan	Goal Inbou	Goal	G.P.					
12	Japan	Goal Inbou	Goal	G.W.					
13	Japan	Goal Inbou	Goal	P.D.					
14	Japan	Goal Inbou	Goal	G.W.					
15	Japan	Goal Inbou	Goal	G.P.					
16	Japan	Goal Inbou	Goal	G.P.					
17	Japan	Goal Inbou	Goal	G.P.					
18	Japan	Goal Inbou	Goal	G.P.					
19	Japan	Goal Inbou	Goal	G.P.					
No.	Teams	Events	Outcomes	Reasons	No.	Teams	Events	Outcomes	Reasons
1	Japan	Side Inbou	Goal	P.D.	1	Japan	Side Inbou	Negative	G.D.
2	Japan	Side Inbou	Goal	G.W.	2	Japan	Side Inbou	Negative	other
3	Japan	Side Inbou	Goal	G.P.	3	Japan	Side Inbou	Negative	other
4	Japan	Side Inbou	Goal	G.P.	4	Japan	Side Inbou	Negative	other
5	Japan	Side Inbou	Goal	G.W.					
6	Japan	Side Inbou	Goal	G.P.					
7	Japan	Side Inbou	Goal	G.W.					
8	Japan	Side Inbou	Goal	G.W.					
9	Japan	Side Inbou	Goal	G.W.					
10	Japan	Side Inbou	Goal	P.D.					
11	Japan	Side Inbou	Goal	G.P.					
12	Japan	Side Inbou	Goal	G.W.					
13	Japan	Side Inbou	Goal	G.W.					
14	Japan	Side Inbou	Goal	G.W.					
15	Japan	Side Inbou	Goal	P.D.					
16	Japan	Side Inbou	Goal	G.P.					
17	Japan	Side Inbou	Goal	G.W.					
18	Japan	Side Inbou	Goal	G.W.					
19	Japan	Side Inbou	Goal	G.W.					
20	Japan	Side Inbou	Goal	G.W.					
21	Japan	Side Inbou	Goal	P.D.					
22	Japan	Side Inbou	Goal	G.W.					
No.	Teams	Events	Outcomes	Reasons	No.	Teams	Events	Outcomes	Reasons
1	Japan	Turnover	Positive	G.D.	1	Japan	Turnover	Positive	G.D.
2	Japan	Turnover	Positive	P.P.	2	Japan	Turnover	Positive	P.P.
3	Japan	Turnover	Goal	P.P.	3	Japan	Turnover	Goal	P.P.
4	Japan	Turnover	Positive	P.P.	4	Japan	Turnover	Positive	P.P.
5	Japan	Turnover	Positive	10&15sec	5	Japan	Turnover	Positive	10&15sec
6	Japan	Turnover	Positive	C.V.	6	Japan	Turnover	Positive	C.V.
7	Japan	Turnover	Positive	G.D.	7	Japan	Turnover	Positive	G.D.
8	Japan	Turnover	Positive	G.D.	8	Japan	Turnover	Positive	G.D.
9	Japan	Turnover	Positive	other	9	Japan	Turnover	Positive	other
10	Japan	Turnover	Positive	other	10	Japan	Turnover	Positive	other
11	Japan	Turnover	Positive	G.D.	11	Japan	Turnover	Positive	G.D.
12	Japan	Turnover	Positive	P.P.	12	Japan	Turnover	Positive	P.P.
13	Japan	Turnover	Positive	P.P.	13	Japan	Turnover	Positive	P.P.
14	Japan	Turnover	Positive	P.P.	14	Japan	Turnover	Positive	P.P.
15	Japan	Turnover	Positive	P.P.	15	Japan	Turnover	Positive	P.P.
16	Japan	Turnover	Goal	P.P.	16	Japan	Turnover	Goal	P.P.
17	Japan	Turnover	Goal	P.P.	17	Japan	Turnover	Goal	P.P.
18	Japan	Turnover	Positive	10&15sec	18	Japan	Turnover	Positive	10&15sec
19	Japan	Turnover	Goal	P.W.	19	Japan	Turnover	Goal	P.W.
20	Japan	Turnover	Positive	P.P.	20	Japan	Turnover	Positive	P.P.
21	Japan	Turnover	Goal	P.P.	21	Japan	Turnover	Goal	P.P.
22	Japan	Turnover	Positive	C.V.	22	Japan	Turnover	Positive	C.V.

SOUTH AFRICA STATISTICS									
No.	Teams	Events	Outcomes	Reasons	No.	Teams	Events	Outcomes	Reasons
1	S.A.	Goal Inbou	Goal	G.W.	1	S.A.	Goal Inbou	Negative	P.P.
2	S.A.	Goal Inbou	Goal	G.P.	2	S.A.	Goal Inbou	Negative	P.P.
3	S.A.	Goal Inbou	Goal	G.P.	3	S.A.	Goal Inbou	Negative	P.W.
4	S.A.	Goal Inbou	Goal	G.W.	4	S.A.	Goal Inbou	Negative	other
5	S.A.	Goal Inbou	Goal	G.P.	5	S.A.	Goal Inbou	Negative	other
6	S.A.	Goal Inbou	Goal	G.P.	6	S.A.	Goal Inbou	Negative	G.D.
7	S.A.	Goal Inbou	Goal	G.P.	7	S.A.	Goal Inbou	Negative	other
8	S.A.	Goal Inbou	Goal	G.P.	8	S.A.	Goal Inbou	Negative	P.P.
9	S.A.	Goal Inbou	Goal	G.P.	9	S.A.	Goal Inbou	Negative	P.P.
10	S.A.	Goal Inbou	Goal	G.W.	10	S.A.	Goal Inbou	Negative	G.D.
11	S.A.	Goal Inbou	Goal	G.P.	11	S.A.	Goal Inbou	Negative	other
12	S.A.	Goal Inbou	Goal	G.P.	12	S.A.	Goal Inbou	Negative	10&15sec
13	S.A.	Goal Inbou	Goal	G.P.	13	S.A.	Goal Inbou	Negative	G.D.
14	S.A.	Goal Inbou	Goal	G.W.	14	S.A.	Goal Inbou	Negative	P.P.
15	S.A.	Goal Inbou	Goal	G.P.	15	S.A.	Goal Inbou	Negative	P.P.
16	S.A.	Goal Inbou	Goal	G.P.	16	S.A.	Goal Inbou	Negative	other
17	S.A.	Goal Inbou	Goal	G.W.	17	S.A.	Goal Inbou	Negative	P.P.
18	S.A.	Goal Inbou	Goal	G.P.	18	S.A.	Goal Inbou	Negative	P.P.
19	S.A.	Goal Inbou	Goal	G.P.	19	S.A.	Goal Inbou	Negative	G.D.
					20	S.A.	Goal Inbou	Negative	P.P.
No.	Teams	Events	Outcomes	Reasons	21	S.A.	Goal Inbou	Negative	G.D.
1	S.A.	Side Inbou	Goal	G.P.	22	S.A.	Goal Inbou	Negative	10&15sec
2	S.A.	Side Inbou	Goal	P.D.	23	S.A.	Goal Inbou	Negative	G.D.
3	S.A.	Side Inbou	Goal	G.W.	24	S.A.	Goal Inbou	Negative	P.P.
4	S.A.	Side Inbou	Goal	P.D.	25	S.A.	Goal Inbou	Negative	P.P.
5	S.A.	Side Inbou	Goal	G.W.	26	S.A.	Goal Inbou	Negative	C.V.
6	S.A.	Side Inbou	Goal	G.P.	27	S.A.	Goal Inbou	Negative	other
7	S.A.	Side Inbou	Goal	P.D.					
					No.	Teams	Events	Outcomes	Reasons
No.	Teams	Events	Outcomes	Reasons	1	S.A.	Side Inbou	Negative	C.V.
1	S.A.	Turnover	Positive	P.P.	2	S.A.	Side Inbou	Negative	other
2	S.A.	Turnover	Positive	P.P.	3	S.A.	Side Inbou	Negative	C.V.
3	S.A.	Turnover	Positive	P.P.	4	S.A.	Side Inbou	Negative	P.P.
4	S.A.	Turnover	Positive	P.P.	5	S.A.	Side Inbou	Negative	other
					6	S.A.	Side Inbou	Negative	P.W.

GAME 3: NEW ZEALAND VS SOUTH AFRICA**NEW ZEALAND STATISTICS**

No.	Teams	Events	Outcomes	Reasons
1	N.Z.	Goal Inbou	Goal	G.W.
2	N.Z.	Goal Inbou	Goal	G.W.
3	N.Z.	Goal Inbou	Goal	G.P.
4	N.Z.	Goal Inbou	Goal	G.P.
5	N.Z.	Goal Inbou	Goal	P.D.
6	N.Z.	Goal Inbou	Goal	G.P.
7	N.Z.	Goal Inbou	Goal	P.D.
8	N.Z.	Goal Inbou	Goal	G.P.
9	N.Z.	Goal Inbou	Goal	G.P.
10	N.Z.	Goal Inbou	Goal	G.W.
11	N.Z.	Goal Inbou	Goal	P.D.
12	N.Z.	Goal Inbou	Goal	G.W.
13	N.Z.	Goal Inbou	Goal	G.D.
14	N.Z.	Goal Inbou	Goal	G.W.
15	N.Z.	Goal Inbou	Goal	G.P.

No.	Teams	Events	Outcomes	Reasons
1	N.Z.	Side Inbou	Goal	P.D.
2	N.Z.	Side Inbou	Goal	P.D.
3	N.Z.	Side Inbou	Goal	P.D.
4	N.Z.	Side Inbou	Goal	G.P.
5	N.Z.	Side Inbou	Goal	G.P.
6	N.Z.	Side Inbou	Goal	G.W.
7	N.Z.	Side Inbou	Goal	G.W.
8	N.Z.	Side Inbou	Goal	G.P.
9	N.Z.	Side Inbou	Goal	G.P.
10	N.Z.	Side Inbou	Goal	G.W.
11	N.Z.	Side Inbou	Goal	P.D.
12	N.Z.	Side Inbou	Goal	P.D.
13	N.Z.	Side Inbou	Goal	G.P.
14	N.Z.	Side Inbou	Goal	G.P.
15	N.Z.	Side Inbou	Goal	P.D.

No.	Teams	Events	Outcomes	Reasons
1	N.Z.	Goal Inbou	Negative	other
2	N.Z.	Goal Inbou	Negative	other
3	N.Z.	Goal Inbou	Negative	other

No.	Teams	Events	Outcomes	Reasons
1	N.Z.	Side Inbou	Negative	other
2	N.Z.	Side Inbou	Negative	other
3	N.Z.	Side Inbou	Negative	P.W.

No.	Teams	Events	Outcomes	Reasons
1	N.Z.	Turnover	Positive	10&15sec
2	N.Z.	Turnover	Positive	P.P.
3	N.Z.	Turnover	Positive	G.D.
4	N.Z.	Turnover	Goal	P.P.
5	N.Z.	Turnover	Positive	P.P.
6	N.Z.	Turnover	Positive	P.P.
7	N.Z.	Turnover	Positive	other
8	N.Z.	Turnover	Goal	P.P.
9	N.Z.	Turnover	Positive	other
10	N.Z.	Turnover	Goal	P.P.
11	N.Z.	Turnover	Positive	P.P.
12	N.Z.	Turnover	Goal	P.P.
13	N.Z.	Turnover	Goal	P.P.
14	N.Z.	Turnover	Goal	P.P.
15	N.Z.	Turnover	Positive	other
16	N.Z.	Turnover	Goal	P.P.
17	N.Z.	Turnover	Goal	P.P.
18	N.Z.	Turnover	Positive	10&15sec
19	N.Z.	Turnover	Positive	P.W.
20	N.Z.	Turnover	Goal	P.P.
21	N.Z.	Turnover	Positive	P.P.

SOUTH AFRICA STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	S.A.	Goal Inbou	Goal	G.W.
2	S.A.	Goal Inbou	Goal	G.W.
3	S.A.	Goal Inbou	Goal	G.W.
4	S.A.	Goal Inbou	Goal	G.P.
5	S.A.	Goal Inbou	Goal	G.W.
6	S.A.	Goal Inbou	Goal	G.P.
7	S.A.	Goal Inbou	Goal	G.W.
8	S.A.	Goal Inbou	Goal	G.W.

No.	Teams	Events	Outcomes	Reasons
1	S.A.	Side Inbou	Goal	P.D.
2	S.A.	Side Inbou	Goal	P.D.
3	S.A.	Side Inbou	Goal	G.W.
4	S.A.	Side Inbou	Goal	G.P.
5	S.A.	Side Inbou	Goal	G.W.
6	S.A.	Side Inbou	Goal	G.W.
7	S.A.	Side Inbou	Goal	P.D.
8	S.A.	Side Inbou	Goal	G.W.
9	S.A.	Side Inbou	Goal	G.W.
10	S.A.	Side Inbou	Goal	P.D.

No.	Teams	Events	Outcomes	Reasons
1	S.A.	Goal Inbou	Negative	other
2	S.A.	Goal Inbou	Negative	P.P.
3	S.A.	Goal Inbou	Negative	other
4	S.A.	Goal Inbou	Negative	P.P.
5	S.A.	Goal Inbou	Negative	P.P.
6	S.A.	Goal Inbou	Negative	other
7	S.A.	Goal Inbou	Negative	other
8	S.A.	Goal Inbou	Negative	other
9	S.A.	Goal Inbou	Negative	P.P.
10	S.A.	Goal Inbou	Negative	P.P.
11	S.A.	Goal Inbou	Negative	other
12	S.A.	Goal Inbou	Negative	P.P.
13	S.A.	Goal Inbou	Negative	other
14	S.A.	Goal Inbou	Negative	other
15	S.A.	Goal Inbou	Negative	P.P.
16	S.A.	Goal Inbou	Negative	P.P.
17	S.A.	Goal Inbou	Negative	P.P.
18	S.A.	Goal Inbou	Negative	other
19	S.A.	Goal Inbou	Negative	other
20	S.A.	Goal Inbou	Negative	other

No.	Teams	Events	Outcomes	Reasons
1	S.A.	Turnover	Positive	P.P.
2	S.A.	Turnover	Positive	other
3	S.A.	Turnover	Positive	P.W.
4	S.A.	Turnover	Positive	other

21	S.A.	Goal Inbou	Negative	other
22	S.A.	Goal Inbou	Negative	P.P.
23	S.A.	Goal Inbou	Negative	other
24	S.A.	Goal Inbou	Negative	other
25	S.A.	Goal Inbou	Negative	P.P.
26	S.A.	Goal Inbou	Negative	P.P.
27	S.A.	Goal Inbou	Negative	10&15sec
28	S.A.	Goal Inbou	Negative	P.P.
29	S.A.	Goal Inbou	Negative	P.P.
30	S.A.	Goal Inbou	Negative	P.P.
31	S.A.	Goal Inbou	Negative	other

No.	Teams	Events	Outcomes	Reasons
65	S.A.	Side Inbou	Negative	10&15sec
68	S.A.	Side Inbou	Negative	other
69	S.A.	Side Inbou	Negative	G.D.
80	S.A.	Side Inbou	Negative	other
90	S.A.	Side Inbou	Negative	other
95	S.A.	Side Inbou	Negative	P.P.
104	S.A.	Side Inbou	Negative	other
120	S.A.	Side Inbou	Negative	P.W.

GAME 4: AUSTRALIA VS JAPAN**AUSTRALIA STATISTICS**

No.	Teams	Events	Outcomes	Reasons
1	Aus.	Goal Inbou	Goal	G.W.
2	Aus.	Goal Inbou	Goal	G.P.
3	Aus.	Goal Inbou	Goal	G.P.
4	Aus.	Goal Inbou	Goal	G.P.
5	Aus.	Goal Inbou	Goal	G.P.
6	Aus.	Goal Inbou	Goal	G.P.
7	Aus.	Goal Inbou	Goal	G.P.
8	Aus.	Goal Inbou	Goal	G.P.
9	Aus.	Goal Inbou	Goal	P.D.
10	Aus.	Goal Inbou	Goal	G.P.
11	Aus.	Goal Inbou	Goal	G.P.
12	Aus.	Goal Inbou	Goal	G.P.
13	Aus.	Goal Inbou	Goal	P.D.
14	Aus.	Goal Inbou	Goal	G.P.
15	Aus.	Goal Inbou	Goal	G.W.
16	Aus.	Goal Inbou	Goal	G.W.
17	Aus.	Goal Inbou	Goal	G.P.
18	Aus.	Goal Inbou	Goal	G.P.
19	Aus.	Goal Inbou	Goal	G.W.
20	Aus.	Goal Inbou	Goal	G.P.
21	Aus.	Goal Inbou	Goal	G.W.

No.	Teams	Events	Outcomes	Reasons
1	Aus.	Side Inbou	Goal	G.P.
2	Aus.	Side Inbou	Goal	P.D.
3	Aus.	Side Inbou	Goal	G.W.
4	Aus.	Side Inbou	Goal	G.P.
5	Aus.	Side Inbou	Goal	G.W.
6	Aus.	Side Inbou	Goal	G.P.
7	Aus.	Side Inbou	Goal	G.P.
8	Aus.	Side Inbou	Goal	G.P.
9	Aus.	Side Inbou	Goal	G.P.
10	Aus.	Side Inbou	Goal	P.D.
11	Aus.	Side Inbou	Goal	G.P.
12	Aus.	Side Inbou	Goal	G.P.
13	Aus.	Side Inbou	Goal	G.P.
14	Aus.	Side Inbou	Goal	G.W.
15	Aus.	Side Inbou	Goal	G.W.
16	Aus.	Side Inbou	Goal	G.W.
17	Aus.	Side Inbou	Goal	G.W.
18	Aus.	Side Inbou	Goal	P.D.
19	Aus.	Side Inbou	Goal	G.P.
20	Aus.	Side Inbou	Goal	G.W.

No.	Teams	Events	Outcomes	Reasons
1	Aus.	Goal Inbou	Negative	other
2	Aus.	Goal Inbou	Negative	other
3	Aus.	Goal Inbou	Negative	other
4	Aus.	Goal Inbou	Negative	other
5	Aus.	Goal Inbou	Negative	other
6	Aus.	Goal Inbou	Negative	P.P.
7	Aus.	Goal Inbou	Negative	other
8	Aus.	Goal Inbou	Negative	P.P.
9	Aus.	Goal Inbou	Negative	P.P.
10	Aus.	Goal Inbou	Negative	P.P.
11	Aus.	Goal Inbou	Negative	other
12	Aus.	Goal Inbou	Negative	other
13	Aus.	Goal Inbou	Negative	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Aus.	Side Inbou	Negative	other
2	Aus.	Side Inbou	Negative	other
3	Aus.	Side Inbou	Negative	other
4	Aus.	Side Inbou	Negative	other

No.	Teams	Events	Outcomes	Reasons
1	Aus.	Turnover	Positive	10&15sec
2	Aus.	Turnover	Positive	P.P.
3	Aus.	Turnover	Positive	G.D.
4	Aus.	Turnover	Goal	P.P.
5	Aus.	Turnover	Positive	G.D.
6	Aus.	Turnover	Positive	P.P.
7	Aus.	Turnover	Goal	P.P.
8	Aus.	Turnover	Positive	P.P.
9	Aus.	Turnover	Positive	other
10	Aus.	Turnover	Positive	P.P.
11	Aus.	Turnover	Positive	P.W.
12	Aus.	Turnover	Positive	P.P.
13	Aus.	Turnover	Goal	P.P.
14	Aus.	Turnover	Positive	P.P.

JAPAN STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	Jap.	Goal Inbou	Goal	G.W.
2	Jap.	Goal Inbou	Goal	G.P.
3	Jap.	Goal Inbou	Goal	G.W.
4	Jap.	Goal Inbou	Goal	G.W.
5	Jap.	Goal Inbou	Goal	G.P.
6	Jap.	Goal Inbou	Goal	G.P.
7	Jap.	Goal Inbou	Goal	G.P.
8	Jap.	Goal Inbou	Goal	G.W.
9	Jap.	Goal Inbou	Goal	G.P.
10	Jap.	Goal Inbou	Goal	G.P.
11	Jap.	Goal Inbou	Goal	G.P.
12	Jap.	Goal Inbou	Goal	G.P.
13	Jap.	Goal Inbou	Goal	G.P.
14	Jap.	Goal Inbou	Goal	G.P.
15	Jap.	Goal Inbou	Goal	other
16	Jap.	Goal Inbou	Goal	G.P.

No.	Teams	Events	Outcomes	Reasons
1	Jap.	Goal Inbou	Negative	P.P.
2	Jap.	Goal Inbou	Negative	other
3	Jap.	Goal Inbou	Negative	P.P.
4	Jap.	Goal Inbou	Negative	G.D.
5	Jap.	Goal Inbou	Negative	P.P.
6	Jap.	Goal Inbou	Negative	P.P.
7	Jap.	Goal Inbou	Negative	other
8	Jap.	Goal Inbou	Negative	P.P.
9	Jap.	Goal Inbou	Negative	other
10	Jap.	Goal Inbou	Negative	other
11	Jap.	Goal Inbou	Negative	other
12	Jap.	Goal Inbou	Negative	other
13	Jap.	Goal Inbou	Negative	other
14	Jap.	Goal Inbou	Negative	P.P.
15	Jap.	Goal Inbou	Negative	other
16	Jap.	Goal Inbou	Negative	P.P.

17	Jap.	Goal Inbou	Goal	G.W.
18	Jap.	Goal Inbou	Goal	G.W.
19	Jap.	Goal Inbou	Goal	G.W.
20	Jap.	Goal Inbou	Goal	G.P.
21	Jap.	Goal Inbou	Goal	G.P.
22	Jap.	Goal Inbou	Goal	G.W.

No.	Teams	Events	Outcomes	Reasons
1	Jap.	Side Inbou	Goal	G.P.
2	Jap.	Side Inbou	Goal	G.P.
3	Jap.	Side Inbou	Goal	G.W.
4	Jap.	Side Inbou	Goal	G.W.
5	Jap.	Side Inbou	Goal	G.W.
6	Jap.	Side Inbou	Goal	G.W.
7	Jap.	Side Inbou	Goal	G.P.
8	Jap.	Side Inbou	Goal	G.P.
9	Jap.	Side Inbou	Goal	G.W.

No.	Teams	Events	Outcomes	Reasons
1	Jap.	Turnover	Positive	other
2	Jap.	Turnover	Positive	other
3	Jap.	Turnover	Positive	other
4	Jap.	Turnover	Goal	P.P.
5	Jap.	Turnover	Positive	P.P.
6	Jap.	Turnover	Goal	P.P.
7	Jap.	Turnover	Goal	P.P.

17	Jap.	Goal Inbou	Negative	P.W.
18	Jap.	Goal Inbou	Negative	P.P.
19	Jap.	Goal Inbou	Negative	P.P.
20	Jap.	Goal Inbou	Negative	other
21	Jap.	Goal Inbou	Negative	P.P.
22	Jap.	Goal Inbou	Negative	P.P.
23	Jap.	Goal Inbou	Negative	other

No.	Teams	Events	Outcomes	Reasons
1	Jap.	Side Inbou	Negative	10&15sec
2	Jap.	Side Inbou	Negative	G.D.
3	Jap.	Side Inbou	Negative	other
4	Jap.	Side Inbou	Negative	other
5	Jap.	Side Inbou	Negative	other
6	Jap.	Side Inbou	Negative	other

GAME 5: SOUTH AFRICA VS JAPAN

SOUTH AFRICA STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	S.A.	Goal Inbou	Goal	G.W.
2	S.A.	Goal Inbou	Goal	G.W.
3	S.A.	Goal Inbou	Goal	G.P.
4	S.A.	Goal Inbou	Goal	G.W.
5	S.A.	Goal Inbou	Goal	G.P.
6	S.A.	Goal Inbou	Goal	G.W.
7	S.A.	Goal Inbou	Goal	G.W.
8	S.A.	Goal Inbou	Goal	G.W.
9	S.A.	Goal Inbou	Goal	G.W.
10	S.A.	Goal Inbou	Goal	G.P.
11	S.A.	Goal Inbou	Goal	G.W.
12	S.A.	Goal Inbou	Goal	G.P.
13	S.A.	Goal Inbou	Goal	G.P.
14	S.A.	Goal Inbou	Goal	G.P.
15	S.A.	Goal Inbou	Goal	G.P.
16	S.A.	Goal Inbou	Goal	G.P.
17	S.A.	Goal Inbou	Goal	G.W.
18	S.A.	Goal Inbou	Goal	G.P.
19	S.A.	Goal Inbou	Goal	G.P.
20	S.A.	Goal Inbou	Goal	G.P.
21	S.A.	Goal Inbou	Goal	G.P.

No.	Teams	Events	Outcomes	Reasons
1	S.A.	Side Inbou	Goal	G.P.
2	S.A.	Side Inbou	Goal	G.P.
3	S.A.	Side Inbou	Goal	G.P.
4	S.A.	Side Inbou	Goal	G.P.
5	S.A.	Side Inbou	Goal	P.D.
6	S.A.	Side Inbou	Goal	G.P.
7	S.A.	Side Inbou	Goal	P.D.
8	S.A.	Side Inbou	Goal	G.P.

No.	Teams	Events	Outcomes	Reasons
1	S.A.	Turnover	Goal	P.D.
2	S.A.	Turnover	Goal	P.P.
3	S.A.	Turnover	Goal	P.P.
4	S.A.	Turnover	Positive	P.P.
5	S.A.	Turnover	Positive	G.D.
6	S.A.	Turnover	Positive	G.D.
7	S.A.	Turnover	Positive	P.P.

JAPAN STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	Jap.	Goal Inbou	Goal	G.W.
2	Jap.	Goal Inbou	Goal	G.P.
3	Jap.	Goal Inbou	Goal	G.P.
4	Jap.	Goal Inbou	Goal	G.W.
5	Jap.	Goal Inbou	Goal	G.W.
6	Jap.	Goal Inbou	Goal	P.D.
7	Jap.	Goal Inbou	Goal	G.P.
8	Jap.	Goal Inbou	Goal	G.W.
9	Jap.	Goal Inbou	Goal	G.W.
10	Jap.	Goal Inbou	Goal	G.W.
11	Jap.	Goal Inbou	Goal	G.W.
12	Jap.	Goal Inbou	Goal	G.P.
13	Jap.	Goal Inbou	Goal	G.P.
14	Jap.	Goal Inbou	Goal	G.W.
15	Jap.	Goal Inbou	Goal	G.P.
16	Jap.	Goal Inbou	Goal	P.D.
17	Jap.	Goal Inbou	Goal	G.P.
18	Jap.	Goal Inbou	Goal	G.W.
19	Jap.	Goal Inbou	Goal	G.W.

No.	Teams	Events	Outcomes	Reasons
1	S.A.	Goal Inbou	Negative	P.P.
2	S.A.	Goal Inbou	Negative	P.P.
3	S.A.	Goal Inbou	Negative	C.V.
4	S.A.	Goal Inbou	Negative	10&15sec
5	S.A.	Goal Inbou	Negative	P.P.
6	S.A.	Goal Inbou	Negative	P.W.
7	S.A.	Goal Inbou	Negative	P.P.
8	S.A.	Goal Inbou	Negative	Other -
9	S.A.	Goal Inbou	Negative	G.D.
10	S.A.	Goal Inbou	Negative	P.W.
11	S.A.	Goal Inbou	Negative	other +
12	S.A.	Goal Inbou	Negative	Other -
13	S.A.	Goal Inbou	Negative	P.P.
14	S.A.	Goal Inbou	Negative	P.P.
15	S.A.	Goal Inbou	Negative	P.P.
16	S.A.	Goal Inbou	Negative	P.W.
17	S.A.	Goal Inbou	Negative	10&15sec
18	S.A.	Goal Inbou	Negative	P.W.
19	S.A.	Goal Inbou	Negative	Other -
20	S.A.	Goal Inbou	Negative	P.P.
21	S.A.	Goal Inbou	Negative	Other -
22	S.A.	Goal Inbou	Negative	Other -
23	S.A.	Goal Inbou	Negative	10&15sec
24	S.A.	Goal Inbou	Negative	Other -
25	S.A.	Goal Inbou	Negative	G.D.
26	S.A.	Goal Inbou	Negative	other +
27	S.A.	Goal Inbou	Negative	P.P.
28	S.A.	Goal Inbou	Negative	P.P.
29	S.A.	Goal Inbou	Negative	P.P.
30	S.A.	Goal Inbou	Negative	P.P.
31	S.A.	Goal Inbou	Negative	Other -

No.	Teams	Events	Outcomes	Reasons
1	S.A.	Side Inbou	Negative	Other -
2	S.A.	Side Inbou	Negative	other +
3	S.A.	Side Inbou	Negative	G.D.
4	S.A.	Side Inbou	Negative	P.P.
5	S.A.	Side Inbou	Negative	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Jap.	Goal Inbou	Negative	P.P.
2	Jap.	Goal Inbou	Negative	P.P.
3	Jap.	Goal Inbou	Negative	G.D.
4	Jap.	Goal Inbou	Negative	P.P.
5	Jap.	Goal Inbou	Negative	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Jap.	Side Inbou	Negative	other +
2	Jap.	Side Inbou	Negative	P.P.
3	Jap.	Side Inbou	Negative	P.P.
4	Jap.	Side Inbou	Negative	G.D.
5	Jap.	Side Inbou	Negative	G.D.

No.	Teams	Events	Outcomes	Reasons
1	Jap.	Turnover	Positive	G.D.
2	Jap.	Turnover	Positive	P.P.
3	Jap.	Turnover	Positive	C.V.
4	Jap.	Turnover	Positive	10&15sec
5	Jap.	Turnover	Goal	P.P.

20	Jap.	Goal Inbou	Goal	G.W.
21	Jap.	Goal Inbou	Goal	G.W.
22	Jap.	Goal Inbou	Goal	G.P.
23	Jap.	Goal Inbou	Goal	G.W.
24	Jap.	Goal Inbou	Goal	G.P.
25	Jap.	Goal Inbou	Goal	G.W.
26	Jap.	Goal Inbou	Goal	G.W.
27	Jap.	Goal Inbou	Goal	G.P.

No.	Teams	Events	Outcomes	Reasons
1	Jap.	Side Inbou	Goal	G.W.
2	Jap.	Side Inbou	Goal	P.D.
3	Jap.	Side Inbou	Goal	P.D.
4	Jap.	Side Inbou	Goal	G.W.
5	Jap.	Side Inbou	Goal	G.P.
6	Jap.	Side Inbou	Goal	P.D.
7	Jap.	Side Inbou	Goal	P.D.
8	Jap.	Side Inbou	Goal	G.P.
9	Jap.	Side Inbou	Goal	G.P.
10	Jap.	Side Inbou	Goal	G.W.
11	Jap.	Side Inbou	Goal	G.W.
12	Jap.	Side Inbou	Goal	G.P.
13	Jap.	Side Inbou	Goal	G.P.
14	Jap.	Side Inbou	Goal	G.W.
15	Jap.	Side Inbou	Goal	G.W.
16	Jap.	Side Inbou	Goal	G.P.
17	Jap.	Side Inbou	Goal	G.W.
18	Jap.	Side Inbou	Goal	G.W.
19	Jap.	Side Inbou	Goal	P.D.
20	Jap.	Side Inbou	Goal	G.P.

6	Jap.	Turnover	Positive	P.W.
7	Jap.	Turnover	Goal	P.P.
8	Jap.	Turnover	Positive	G.D.
9	Jap.	Turnover	Positive	P.W.
10	Jap.	Turnover	Positive	Other -
11	Jap.	Turnover	Positive	P.P.
12	Jap.	Turnover	Goal	P.P.
13	Jap.	Turnover	Positive	P.W.
14	Jap.	Turnover	Positive	10&15sec
15	Jap.	Turnover	Positive	P.W.
16	Jap.	Turnover	Positive	P.P.
17	Jap.	Turnover	Positive	P.P.
18	Jap.	Turnover	Goal	P.P.
19	Jap.	Turnover	Positive	Other -
20	Jap.	Turnover	Positive	10&15sec
21	Jap.	Turnover	Positive	Other -
22	Jap.	Turnover	Positive	G.D.
23	Jap.	Turnover	Goal	P.P.
24	Jap.	Turnover	Positive	P.P.
25	Jap.	Turnover	Positive	P.P.
26	Jap.	Turnover	Positive	P.P.

GAME 6: AUSTRALIA VS NEW ZEALAND									
AUSTRALIA STATISTICS									
No.	Teams	Events	Outcomes	Reasons	No.	Teams	Events	Outcomes	Reasons
1	Aus	Goal Inbou	Goal	G.W.	1	Aus	Goal Inbou	Negative	other +
2	Aus	Goal Inbou	Goal	G.P.	2	Aus	Goal Inbou	Negative	other +
3	Aus	Goal Inbou	Goal	G.W.	3	Aus	Goal Inbou	Negative	other +
4	Aus	Goal Inbou	Goal	G.W.	4	Aus	Goal Inbou	Negative	Other -
5	Aus	Goal Inbou	Goal	G.P.					
6	Aus	Goal Inbou	Goal	G.P.					
7	Aus	Goal Inbou	Goal	G.P.					
8	Aus	Goal Inbou	Goal	G.P.					
9	Aus	Goal Inbou	Goal	G.P.					
10	Aus	Goal Inbou	Goal	G.W.					
11	Aus	Goal Inbou	Goal	G.W.					
12	Aus	Goal Inbou	Goal	G.W.					
13	Aus	Goal Inbou	Goal	G.P.					
14	Aus	Goal Inbou	Goal	G.P.					
No.	Teams	Events	Outcomes	Reasons	No.	Teams	Events	Outcomes	Reasons
1	Aus	Side Inbou	Goal	G.W.	1	Aus	Side Inbou	Negative	G.D.
2	Aus	Side Inbou	Goal	G.P.	2	Aus	Side Inbou	Negative	Other -
3	Aus	Side Inbou	Goal	G.W.					
4	Aus	Side Inbou	Goal	G.P.					
5	Aus	Side Inbou	Goal	G.P.					
6	Aus	Side Inbou	Goal	G.P.					
7	Aus	Side Inbou	Goal	G.P.					
NEW ZEALAND STATISTICS									
No.	Teams	Events	Outcomes	Reasons	No.	Teams	Events	Outcomes	Reasons
1	N.Z.	Goal Inbou	Goal	G.P.	1	N.Z.	Goal Inbou	Negative	G.D.
2	N.Z.	Goal Inbou	Goal	G.W.	2	N.Z.	Goal Inbou	Negative	G.D.
3	N.Z.	Goal Inbou	Goal	G.P.	3	N.Z.	Goal Inbou	Negative	G.D.
4	N.Z.	Goal Inbou	Goal	G.P.	4	N.Z.	Goal Inbou	Negative	other +
5	N.Z.	Goal Inbou	Goal	Other -	5	N.Z.	Goal Inbou	Negative	G.D.
6	N.Z.	Goal Inbou	Goal	G.W.	6	N.Z.	Goal Inbou	Negative	G.D.
7	N.Z.	Goal Inbou	Goal	G.W.					
8	N.Z.	Goal Inbou	Goal	G.P.					
9	N.Z.	Goal Inbou	Goal	G.W.					
10	N.Z.	Goal Inbou	Goal	G.W.					
11	N.Z.	Goal Inbou	Goal	G.P.					
12	N.Z.	Goal Inbou	Goal	G.W.					
13	N.Z.	Goal Inbou	Goal	G.P.					
14	N.Z.	Goal Inbou	Goal	G.P.					
15	N.Z.	Goal Inbou	Goal	G.P.					
16	N.Z.	Goal Inbou	Goal	G.W.					
No.	Teams	Events	Outcomes	Reasons	No.	Teams	Events	Outcomes	Reasons
1	N.Z.	Side Inbou	Goal	G.P.	1	N.Z.	Side Inbou	Negative	P.P.
2	N.Z.	Side Inbou	Goal	G.P.	2	N.Z.	Side Inbou	Negative	G.D.
No.	Teams	Events	Outcomes	Reasons	No.	Teams	Events	Outcomes	Reasons
1	N.Z.	Turnover	Positive	G.D.	1	N.Z.	Turnover	Positive	G.D.

REGIONAL LEVEL STATISTICS									
Game1: Western Province A vs Northern Gauteng A									
WESTERN PROVINCE A STATISTICS									
No.	Team	Events	Outcomes	Reasons	No.	Team	Events	Outcomes	Reasons
1	W.P. A	Goal Inbou	Goal	P.D.	1	W.P. A	Goal Inbou	Negative	P.P.
2	W.P. A	Goal Inbou	Goal	G.W.	2	W.P. A	Goal Inbou	Negative	other
3	W.P. A	Goal Inbou	Goal	G.P.	3	W.P. A	Goal Inbou	Negative	P.P.
4	W.P. A	Goal Inbou	Goal	C.V.	4	W.P. A	Goal Inbou	Negative	P.W.
5	W.P. A	Goal Inbou	Goal	P.D.	5	W.P. A	Goal Inbou	Negative	P.P.
6	W.P. A	Goal Inbou	Goal	G.W.	6	W.P. A	Goal Inbou	Negative	P.P.
7	W.P. A	Goal Inbou	Goal	G.W.	7	W.P. A	Goal Inbou	Negative	P.P.
8	W.P. A	Goal Inbou	Goal	G.P.	8	W.P. A	Goal Inbou	Negative	10&15sec
9	W.P. A	Goal Inbou	Goal	G.W.	9	W.P. A	Goal Inbou	Negative	C.V.
10	W.P. A	Goal Inbou	Goal	P.D.	10	W.P. A	Goal Inbou	Negative	P.P.
11	W.P. A	Goal Inbou	Goal	G.W.	11	W.P. A	Goal Inbou	Negative	P.P.
					12	W.P. A	Goal Inbou	Negative	P.P.
					13	W.P. A	Goal Inbou	Negative	P.P.
					14	W.P. A	Goal Inbou	Negative	other
					15	W.P. A	Goal Inbou	Negative	C.V.
					16	W.P. A	Goal Inbou	Negative	P.P.
					17	W.P. A	Goal Inbou	Negative	other
					18	W.P. A	Goal Inbou	Negative	P.P.
					19	W.P. A	Goal Inbou	Negative	P.P.
					20	W.P. A	Goal Inbou	Negative	P.P.
					21	W.P. A	Goal Inbou	Negative	P.P.
					22	W.P. A	Goal Inbou	Negative	other
No.	Team	Events	Outcomes	Reasons					
1	W.P. A	Side Inbou	Goal	G.W.					
2	W.P. A	Side Inbou	Goal	G.P.					
3	W.P. A	Side Inbou	Goal	G.P.					
4	W.P. A	Side Inbou	Goal	P.D.					
5	W.P. A	Side Inbou	Goal	P.D.					
6	W.P. A	Side Inbou	Goal	P.D.					
7	W.P. A	Side Inbou	Goal	P.D.					
8	W.P. A	Side Inbou	Goal	G.P.					
9	W.P. A	Side Inbou	Goal	P.D.					
10	W.P. A	Side Inbou	Goal	P.D.					
No.	Team	Events	Outcomes	Reasons					
1	W.P. A	Turnover	Goal	G.P.					
2	W.P. A	Turnover	Positive	P.P.					
3	W.P. A	Turnover	Positive	G.D.					
4	W.P. A	Turnover	Goal	P.P.					
5	W.P. A	Turnover	Positive	other					
6	W.P. A	Turnover	Positive	other					
7	W.P. A	Turnover	Goal	P.P.					
8	W.P. A	Turnover	Positive	P.P.					
9	W.P. A	Turnover	Positive	C.V.					
10	W.P. A	Turnover	Positive	P.P.					
11	W.P. A	Turnover	Positive	G.D.					
12	W.P. A	Turnover	Positive	P.P.					
13	W.P. A	Turnover	Positive	other					
14	W.P. A	Turnover	Positive	P.P.					
15	W.P. A	Turnover	Goal	P.P.					
16	W.P. A	Turnover	Positive	P.P.					
17	W.P. A	Turnover	Positive	other					
18	W.P. A	Turnover	Positive	other					
NORTHERN GAUTENG A STATISTICS									
No.	Team	Events	Outcomes	Reasons	No.	Team	Events	Outcomes	Reasons
1	Northern G	Goal Inbou	Goal	P.D.	1	Northern G	Goal Inbou	Negative	P.P.
2	Northern G	Goal Inbou	Goal	G.P.	2	Northern G	Goal Inbou	Negative	P.P.
3	Northern G	Goal Inbou	Goal	G.P.	3	Northern G	Goal Inbou	Negative	P.P.
4	Northern G	Goal Inbou	Goal	G.P.	4	Northern G	Goal Inbou	Negative	P.P.
5	Northern G	Goal Inbou	Goal	G.P.	5	Northern G	Goal Inbou	Negative	P.P.
6	Northern G	Goal Inbou	Goal	G.P.	6	Northern G	Goal Inbou	Negative	P.P.
7	Northern G	Goal Inbou	Goal	G.P.	7	Northern G	Goal Inbou	Negative	P.P.
8	Northern G	Goal Inbou	Goal	G.P.	8	Northern G	Goal Inbou	Negative	P.P.
9	Northern G	Goal Inbou	Goal	G.P.	9	Northern G	Goal Inbou	Negative	P.W.
10	Northern G	Goal Inbou	Goal	G.W.	10	Northern G	Goal Inbou	Negative	P.P.
11	Northern G	Goal Inbou	Goal	G.P.	11	Northern G	Goal Inbou	Negative	C.V.
					12	Northern G	Goal Inbou	Negative	P.P.
					13	Northern G	Goal Inbou	Negative	P.P.
					14	Northern G	Goal Inbou	Negative	other
No.	Team	Events	Outcomes	Reasons					
1	Northern G	Side Inbou	Goal	G.P.					

2	Northern G	Side Inbou	Goal	G.P.
3	Northern G	Side Inbou	Goal	P.D.
4	Northern G	Side Inbou	Goal	P.D.
5	Northern G	Side Inbou	Goal	P.D.
6	Northern G	Side Inbou	Goal	G.W.
7	Northern G	Side Inbou	Goal	P.D.
8	Northern G	Side Inbou	Goal	G.W.
9	Northern G	Side Inbou	Goal	P.D.
10	Northern G	Side Inbou	Goal	P.D.
11	Northern G	Side Inbou	Goal	P.D.
12	Northern G	Side Inbou	Goal	G.P.
13	Northern G	Side Inbou	Goal	P.D.
14	Northern G	Side Inbou	Goal	P.D.

No.	Team	Events	Outcomes	Reasons
1	Northern G	Side Inbou	Negative	G.D.
2	Northern G	Side Inbou	Negative	other
3	Northern G	Side Inbou	Negative	other
4	Northern G	Side Inbou	Negative	other
5	Northern G	Side Inbou	Negative	P.P.
6	Northern G	Side Inbou	Negative	other
7	Northern G	Side Inbou	Negative	C.V.
8	Northern G	Side Inbou	Negative	P.P.
9	Northern G	Side Inbou	Negative	other
10	Northern G	Side Inbou	Negative	P.P.

No.	Team	Events	Outcomes	Reasons
1	Northern G	Turnover	Positive	P.P.
2	Northern G	Turnover	Positive	P.P.
3	Northern G	Turnover	Goal	P.P.
4	Northern G	Turnover	Positive	P.P.
5	Northern G	Turnover	Goal	P.P.
6	Northern G	Turnover	Positive	P.P.
7	Northern G	Turnover	Goal	P.P.
8	Northern G	Turnover	Positive	G.D.
9	Northern G	Turnover	Positive	P.P.
10	Northern G	Turnover	Positive	10&15sec
11	Northern G	Turnover	Positive	C.V.
12	Northern G	Turnover	Positive	G.D.
13	Northern G	Turnover	Goal	P.P.
14	Northern G	Turnover	Positive	G.D.
15	Northern G	Turnover	Positive	P.P.
16	Northern G	Turnover	Positive	P.P.
17	Northern G	Turnover	Positive	10&15sec
18	Northern G	Turnover	Positive	P.P.
19	Northern G	Turnover	Positive	C.V.
20	Northern G	Turnover	Goal	P.P.
21	Northern G	Turnover	Goal	P.P.
22	Northern G	Turnover	Positive	10&15sec
23	Northern G	Turnover	Goal	G.D.
24	Northern G	Turnover	Positive	P.P.

GAME 2: WESTERN PROVINCE B VS CENTRAL GAUTENG

WESTERN PROVINCE B STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	wp B	Goal Inbou	Goal	G.W.
No.	Teams	Events	Outcomes	Reasons
1	wp B	Side Inbou	Goal	P.D.
2	wp B	Side Inbou	Goal	G.P.
3	wp B	Side Inbou	Goal	P.D.
4	wp B	Side Inbou	Goal	P.D.
5	wp B	Side Inbou	Goal	P.D.
6	wp B	Side Inbou	Goal	G.W.
7	wp B	Side Inbou	Goal	P.D.
8	wp B	Side Inbou	Goal	C.V.
9	wp B	Side Inbou	Goal	P.D.
10	wp B	Side Inbou	Goal	P.D.
11	wp B	Side Inbou	Goal	G.P.
No.	Teams	Events	Outcomes	Reasons
1	wp B	Turnover	Positive	C.V.
2	wp B	Turnover	Positive	other
3	wp B	Turnover	Positive	P.P.
4	wp B	Turnover	Positive	other
5	wp B	Turnover	Positive	C.V.
6	wp B	Turnover	Positive	other
7	wp B	Turnover	Positive	C.V.
8	wp B	Turnover	Positive	P.P.
9	wp B	Turnover	Positive	G.D.
10	wp B	Turnover	Positive	P.W.
11	wp B	Turnover	Goal	P.P.
12	wp B	Turnover	Goal	P.P.
13	wp B	Turnover	Positive	C.V.
14	wp B	Turnover	Positive	P.P.
15	wp B	Turnover	Positive	G.D.
16	wp B	Turnover	Goal	P.W.
17	wp B	Turnover	Goal	P.P.
18	wp B	Turnover	Goal	P.P.
19	wp B	Turnover	Positive	P.W.
20	wp B	Turnover	Positive	P.P.
21	wp B	Turnover	Positive	P.W.
22	wp B	Turnover	Positive	P.P.
23	wp B	Turnover	Positive	P.P.
24	wp B	Turnover	Positive	other
25	wp B	Turnover	Positive	P.W.
26	wp B	Turnover	Positive	P.P.
27	wp B	Turnover	Positive	P.P.
28	wp B	Turnover	Positive	P.P.
29	wp B	Turnover	Positive	C.V.
30	wp B	Turnover	Positive	P.P.
No.	Teams	Events	Outcomes	Reasons
1	wp B	Goal Inbou	Negative	P.P.
2	wp B	Goal Inbou	Negative	other
3	wp B	Goal Inbou	Negative	P.P.
4	wp B	Goal Inbou	Negative	G.D.
5	wp B	Goal Inbou	Negative	P.P.
6	wp B	Goal Inbou	Negative	P.P.
7	wp B	Goal Inbou	Negative	P.P.
8	wp B	Goal Inbou	Negative	P.P.
9	wp B	Goal Inbou	Negative	P.P.
10	wp B	Goal Inbou	Negative	P.P.
11	wp B	Goal Inbou	Negative	P.W.
12	wp B	Goal Inbou	Negative	P.P.
13	wp B	Goal Inbou	Negative	P.W.
14	wp B	Goal Inbou	Negative	P.P.
15	wp B	Goal Inbou	Negative	P.P.
16	wp B	Goal Inbou	Negative	P.P.
17	wp B	Goal Inbou	Negative	G.D.
18	wp B	Goal Inbou	Negative	P.P.
19	wp B	Goal Inbou	Negative	P.P.
20	wp B	Goal Inbou	Negative	P.P.
21	wp B	Goal Inbou	Negative	P.P.
22	wp B	Goal Inbou	Negative	P.P.
23	wp B	Goal Inbou	Negative	P.P.
24	wp B	Goal Inbou	Negative	P.P.
25	wp B	Goal Inbou	Negative	P.P.
26	wp B	Goal Inbou	Negative	P.P.
27	wp B	Goal Inbou	Negative	P.P.
28	wp B	Goal Inbou	Negative	G.D.
29	wp B	Goal Inbou	Negative	P.P.
30	wp B	Goal Inbou	Negative	P.P.
31	wp B	Goal Inbou	Negative	P.P.
32	wp B	Goal Inbou	Negative	P.P.
33	wp B	Goal Inbou	Negative	P.P.
34	wp B	Goal Inbou	Negative	P.W.
35	wp B	Goal Inbou	Negative	other
36	wp B	Goal Inbou	Negative	G.D.
37	wp B	Goal Inbou	Negative	P.P.
No.	Teams	Events	Outcomes	Reasons
1	wp B	Side Inbou	Negative	P.P.
2	wp B	Side Inbou	Negative	P.P.
3	wp B	Side Inbou	Negative	other
4	wp B	Side Inbou	Negative	P.P.
5	wp B	Side Inbou	Negative	P.W.
6	wp B	Side Inbou	Negative	G.D.
7	wp B	Side Inbou	Negative	P.P.
8	wp B	Side Inbou	Negative	P.P.
9	wp B	Side Inbou	Negative	other
10	wp B	Side Inbou	Negative	P.P.
11	wp B	Side Inbou	Negative	P.P.
12	wp B	Side Inbou	Negative	P.P.
13	wp B	Side Inbou	Negative	P.P.
14	wp B	Side Inbou	Negative	P.P.
15	wp B	Side Inbou	Negative	P.P.
16	wp B	Side Inbou	Negative	G.D.
17	wp B	Side Inbou	Negative	other
18	wp B	Side Inbou	Negative	G.D.
19	wp B	Side Inbou	Negative	G.D.
20	wp B	Side Inbou	Negative	P.P.
21	wp B	Side Inbou	Negative	P.P.
22	wp B	Side Inbou	Negative	P.P.
23	wp B	Side Inbou	Negative	P.P.
24	wp B	Side Inbou	Negative	P.W.
25	wp B	Side Inbou	Negative	G.D.
26	wp B	Side Inbou	Negative	P.P.
27	wp B	Side Inbou	Negative	10&15sec
28	wp B	Side Inbou	Negative	P.P.
29	wp B	Side Inbou	Negative	P.W.
No.	Teams	Events	Outcomes	Reasons
1	Central Ga	Goal Inbou	Goal	P.D.
No.	Teams	Events	Outcomes	Reasons
1	Central Ga	Goal Inbou	Negative	P.P.

CENTRAL GAUTENG STATISTICS

	2	Central Ga	Goal Inbou	Goal	P.D.
No.	Teams	Events	Outcomes	Reasons	
	1	Central Ga	Side Inbou	Goal	P.D.
	2	Central Ga	Side Inbou	Goal	P.D.
	3	Central Ga	Side Inbou	Goal	P.D.
	4	Central Ga	Side Inbou	Goal	G.W.
	5	Central Ga	Side Inbou	Goal	P.D.
	6	Central Ga	Side Inbou	Goal	G.W.
	7	Central Ga	Side Inbou	Goal	P.D.
	8	Central Ga	Side Inbou	Goal	G.W.
	9	Central Ga	Side Inbou	Goal	P.D.
	10	Central Ga	Side Inbou	Goal	P.D.
	11	Central Ga	Side Inbou	Goal	P.D.
	12	Central Ga	Side Inbou	Goal	P.D.
	13	Central Ga	Side Inbou	Goal	P.D.
	14	Central Ga	Side Inbou	Goal	P.D.
	15	Central Ga	Side Inbou	Goal	P.D.
	16	Central Ga	Side Inbou	Goal	P.D.
	17	Central Ga	Side Inbou	Goal	P.D.
	18	Central Ga	Side Inbou	Goal	P.D.
	19	Central Ga	Side Inbou	Goal	G.W.

No.	Teams	Events	Outcomes	Reasons
	1	Central Ga	Turnover	Goal G.W.
	2	Central Ga	Turnover	Goal P.P.
	3	Central Ga	Turnover	Positive other
	4	Central Ga	Turnover	Positive P.P.
	5	Central Ga	Turnover	Positive G.D.
	6	Central Ga	Turnover	Goal P.P.
	7	Central Ga	Turnover	Positive other
	8	Central Ga	Turnover	Positive P.P.
	9	Central Ga	Turnover	Positive P.P.
	10	Central Ga	Turnover	Positive P.P.
	11	Central Ga	Turnover	Positive P.P.
	12	Central Ga	Turnover	Goal P.P.
	13	Central Ga	Turnover	Goal P.P.
	14	Central Ga	Turnover	Positive other
	15	Central Ga	Turnover	Positive P.P.
	16	Central Ga	Turnover	Goal P.W.
	17	Central Ga	Turnover	Positive P.P.
	18	Central Ga	Turnover	Positive P.P.
	19	Central Ga	Turnover	Positive P.P.
	20	Central Ga	Turnover	Positive G.D.
	21	Central Ga	Turnover	Positive P.P.
	22	Central Ga	Turnover	Positive G.D.
	23	Central Ga	Turnover	Positive P.P.
	24	Central Ga	Turnover	Goal P.P.
	25	Central Ga	Turnover	Goal P.P.
	26	Central Ga	Turnover	Positive P.P.
	27	Central Ga	Turnover	Positive P.P.
	28	Central Ga	Turnover	Goal P.P.
	29	Central Ga	Turnover	Goal P.P.
	30	Central Ga	Turnover	Goal P.P.
	31	Central Ga	Turnover	Goal P.P.
	32	Central Ga	Turnover	Goal P.P.
	33	Central Ga	Turnover	Goal P.P.
	34	Central Ga	Turnover	Positive P.P.
	35	Central Ga	Turnover	Goal P.P.
	36	Central Ga	Turnover	Positive P.P.
	37	Central Ga	Turnover	Positive P.P.
	38	Central Ga	Turnover	Positive P.P.
	39	Central Ga	Turnover	Positive P.W.
	40	Central Ga	Turnover	Positive P.P.
	41	Central Ga	Turnover	Positive other
	42	Central Ga	Turnover	Positive P.P.
	43	Central Ga	Turnover	Goal P.P.
	44	Central Ga	Turnover	Positive P.W.
	45	Central Ga	Turnover	Positive P.P.
	46	Central Ga	Turnover	Positive 10&15sec
	47	Central Ga	Turnover	Positive P.P.

	2	Central Ga	Goal Inbou	Negative	P.W.
	3	Central Ga	Goal Inbou	Negative	other
	4	Central Ga	Goal Inbou	Negative	P.P.
	5	Central Ga	Goal Inbou	Negative	P.P.
	6	Central Ga	Goal Inbou	Negative	P.P.
	7	Central Ga	Goal Inbou	Negative	C.V.
	8	Central Ga	Goal Inbou	Negative	P.W.
	9	Central Ga	Goal Inbou	Negative	P.P.
	10	Central Ga	Goal Inbou	Negative	P.P.
	11	Central Ga	Goal Inbou	Negative	P.P.
	12	Central Ga	Goal Inbou	Negative	G.D.
	13	Central Ga	Goal Inbou	Negative	P.P.
	14	Central Ga	Goal Inbou	Negative	P.P.
	15	Central Ga	Goal Inbou	Negative	P.P.

No.	Teams	Events	Outcomes	Reasons
	1	Central Ga	Side Inbou	Negative C.V.
	2	Central Ga	Side Inbou	Negative other
	3	Central Ga	Side Inbou	Negative P.W.
	4	Central Ga	Side Inbou	Negative P.P.
	5	Central Ga	Side Inbou	Negative G.D.
	6	Central Ga	Side Inbou	Negative G.D.
	7	Central Ga	Side Inbou	Negative P.W.
	8	Central Ga	Side Inbou	Negative P.P.
	9	Central Ga	Side Inbou	Negative P.P.
	10	Central Ga	Side Inbou	Negative P.P.
	11	Central Ga	Side Inbou	Negative P.P.
	12	Central Ga	Side Inbou	Negative other
	13	Central Ga	Side Inbou	Negative P.P.
	14	Central Ga	Side Inbou	Negative P.P.
	15	Central Ga	Side Inbou	Negative P.P.
	16	Central Ga	Side Inbou	Negative C.V.

GAME 3: WESTERN PROVINCE A VS NORTHERN GAUTENG B

WESTERN PROVINCE A STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	W.P.A.	Goal Inbou	Goal	P.D.
No.	Teams	Events	Outcomes	Reasons
1	W.P.A.	Side Inbou	Goal	G.P.
2	W.P.A.	Side Inbou	Goal	P.D.
3	W.P.A.	Side Inbou	Goal	G.W.
4	W.P.A.	Side Inbou	Goal	P.D.
5	W.P.A.	Side Inbou	Goal	G.P.
6	W.P.A.	Side Inbou	Goal	G.P.
7	W.P.A.	Side Inbou	Goal	G.P.
8	W.P.A.	Side Inbou	Goal	P.D.
9	W.P.A.	Side Inbou	Goal	P.D.
10	W.P.A.	Side Inbou	Goal	G.P.
11	W.P.A.	Side Inbou	Goal	P.D.
12	W.P.A.	Side Inbou	Goal	P.D.
13	W.P.A.	Side Inbou	Goal	P.D.
14	W.P.A.	Side Inbou	Goal	P.D.
15	W.P.A.	Side Inbou	Goal	P.D.
16	W.P.A.	Side Inbou	Goal	P.D.
17	W.P.A.	Side Inbou	Goal	P.D.

No.	Teams	Events	Outcomes	Reasons
1	W.P.A.	Turnover	Goal	P.D.
2	W.P.A.	Turnover	Goal	P.P.
3	W.P.A.	Turnover	Goal	P.P.
4	W.P.A.	Turnover	Positive	P.P.
5	W.P.A.	Turnover	Goal	P.P.
6	W.P.A.	Turnover	Positive	Other -
7	W.P.A.	Turnover	Positive	P.P.
8	W.P.A.	Turnover	Positive	P.W.
9	W.P.A.	Turnover	Positive	G.D.
10	W.P.A.	Turnover	Goal	P.P.
11	W.P.A.	Turnover	Goal	P.P.
12	W.P.A.	Turnover	Goal	P.P.
13	W.P.A.	Turnover	Positive	P.P.
14	W.P.A.	Turnover	Positive	P.W.
15	W.P.A.	Turnover	Positive	P.P.
16	W.P.A.	Turnover	Positive	P.P.
17	W.P.A.	Turnover	Positive	P.P.
18	W.P.A.	Turnover	Positive	P.P.
19	W.P.A.	Turnover	Positive	P.W.
20	W.P.A.	Turnover	Positive	P.P.
21	W.P.A.	Turnover	Positive	P.P.
22	W.P.A.	Turnover	Positive	P.P.
23	W.P.A.	Turnover	Goal	P.P.
24	W.P.A.	Turnover	Goal	P.P.
25	W.P.A.	Turnover	Positive	P.P.
26	W.P.A.	Turnover	Positive	P.W.
27	W.P.A.	Turnover	Positive	P.P.
28	W.P.A.	Turnover	Positive	C.V.
29	W.P.A.	Turnover	Positive	P.W.
30	W.P.A.	Turnover	Positive	P.P.
31	W.P.A.	Turnover	Positive	P.P.
32	W.P.A.	Turnover	Goal	P.P.
33	W.P.A.	Turnover	Goal	P.P.
34	W.P.A.	Turnover	Goal	P.P.
35	W.P.A.	Turnover	Goal	P.P.
36	W.P.A.	Turnover	Positive	P.P.

No.	Teams	Events	Outcomes	Reasons
1	W.P.A.	Goal Inbou	Negative	P.W.
2	W.P.A.	Goal Inbou	Negative	P.P.
3	W.P.A.	Goal Inbou	Negative	P.P.
No.	Teams	Events	Outcomes	Reasons
1	W.P.A.	Side Inbou	Negative	P.P.
2	W.P.A.	Side Inbou	Negative	P.P.
3	W.P.A.	Side Inbou	Negative	G.D.
4	W.P.A.	Side Inbou	Negative	P.W.
5	W.P.A.	Side Inbou	Negative	10&15sec
6	W.P.A.	Side Inbou	Negative	P.P.
7	W.P.A.	Side Inbou	Negative	P.W.
8	W.P.A.	Side Inbou	Negative	P.P.
9	W.P.A.	Side Inbou	Negative	P.P.
10	W.P.A.	Side Inbou	Negative	P.W.
11	W.P.A.	Side Inbou	Negative	P.W.
12	W.P.A.	Side Inbou	Negative	P.P.
13	W.P.A.	Side Inbou	Negative	P.P.
14	W.P.A.	Side Inbou	Negative	P.W.

NORTHERN GAUTENG B STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	N.Gaut. B	Goal Inbou	Goal	G.P.
2	N.Gaut. B	Goal Inbou	Goal	G.P.
No.	Teams	Events	Outcomes	Reasons
1	N.Gaut. B	Side Inbou	Goal	G.P.
2	N.Gaut. B	Side Inbou	Goal	G.P.
No.	Teams	Events	Outcomes	Reasons
1	N.Gaut. B	Turnover	Positive	P.W.
2	N.Gaut. B	Turnover	Positive	10&15sec
3	N.Gaut. B	Turnover	Positive	P.P.
4	N.Gaut. B	Turnover	Positive	P.W.
5	N.Gaut. B	Turnover	Positive	P.P.
6	N.Gaut. B	Turnover	Positive	P.W.
7	N.Gaut. B	Turnover	Positive	P.W.
8	N.Gaut. B	Turnover	Positive	P.P.
9	N.Gaut. B	Turnover	Positive	P.W.
No.	Teams	Events	Outcomes	Reasons
1	N.Gaut. B	Side Inbou	Negative	P.P.
2	N.Gaut. B	Side Inbou	Negative	P.W.
3	N.Gaut. B	Side Inbou	Negative	P.P.
4	N.Gaut. B	Side Inbou	Negative	P.P.
5	N.Gaut. B	Side Inbou	Negative	P.P.
6	N.Gaut. B	Side Inbou	Negative	P.P.
7	N.Gaut. B	Side Inbou	Negative	P.P.
8	N.Gaut. B	Side Inbou	Negative	P.P.
9	N.Gaut. B	Side Inbou	Negative	P.P.
10	N.Gaut. B	Side Inbou	Negative	P.P.
11	N.Gaut. B	Side Inbou	Negative	P.P.
12	N.Gaut. B	Side Inbou	Negative	P.W.
13	N.Gaut. B	Side Inbou	Negative	P.P.
14	N.Gaut. B	Side Inbou	Negative	P.P.
15	N.Gaut. B	Side Inbou	Negative	P.P.
16	N.Gaut. B	Side Inbou	Negative	P.P.
17	N.Gaut. B	Side Inbou	Negative	P.P.
18	N.Gaut. B	Side Inbou	Negative	G.D.

No.	Teams	Events	Outcomes	Reasons
1	N.Gaut. B	Goal Inbou	Negative	P.P.
2	N.Gaut. B	Goal Inbou	Negative	P.P.
3	N.Gaut. B	Goal Inbou	Negative	P.P.
4	N.Gaut. B	Goal Inbou	Negative	P.P.
5	N.Gaut. B	Goal Inbou	Negative	P.P.
6	N.Gaut. B	Goal Inbou	Negative	Other -
7	N.Gaut. B	Goal Inbou	Negative	P.P.
8	N.Gaut. B	Goal Inbou	Negative	P.W.
9	N.Gaut. B	Goal Inbou	Negative	P.P.
10	N.Gaut. B	Goal Inbou	Negative	P.P.
11	N.Gaut. B	Goal Inbou	Negative	P.P.
12	N.Gaut. B	Goal Inbou	Negative	P.W.
13	N.Gaut. B	Goal Inbou	Negative	P.P.
14	N.Gaut. B	Goal Inbou	Negative	P.W.
15	N.Gaut. B	Goal Inbou	Negative	G.D.
16	N.Gaut. B	Goal Inbou	Negative	P.P.
17	N.Gaut. B	Goal Inbou	Negative	P.P.
18	N.Gaut. B	Goal Inbou	Negative	P.P.
19	N.Gaut. B	Goal Inbou	Negative	P.P.
20	N.Gaut. B	Goal Inbou	Negative	P.P.
21	N.Gaut. B	Goal Inbou	Negative	P.W.
22	N.Gaut. B	Goal Inbou	Negative	C.V.
23	N.Gaut. B	Goal Inbou	Negative	P.W.
24	N.Gaut. B	Goal Inbou	Negative	P.P.
25	N.Gaut. B	Goal Inbou	Negative	P.P.
26	N.Gaut. B	Goal Inbou	Negative	P.P.
27	N.Gaut. B	Goal Inbou	Negative	P.P.
28	N.Gaut. B	Goal Inbou	Negative	P.P.
29	N.Gaut. B	Goal Inbou	Negative	P.P.

GAME 4: CENTRAL GAUTENG VS NORTHERN GAUTENG A

CENTRAL GAUTENG STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	Cntrl Gaut.	Goal Inbou	Goal	G.W.
2	Cntrl Gaut.	Goal Inbou	Goal	G.P.
3	Cntrl Gaut.	Goal Inbou	Goal	P.D.
4	Cntrl Gaut.	Goal Inbou	Goal	P.D.
5	Cntrl Gaut.	Goal Inbou	Goal	P.D.
6	Cntrl Gaut.	Goal Inbou	Goal	G.P.
7	Cntrl Gaut.	Goal Inbou	Goal	G.W.
8	Cntrl Gaut.	Goal Inbou	Goal	G.P.
9	Cntrl Gaut.	Goal Inbou	Goal	G.W.
10	Cntrl Gaut.	Goal Inbou	Goal	G.W.
11	Cntrl Gaut.	Goal Inbou	Goal	P.D.
12	Cntrl Gaut.	Goal Inbou	Goal	G.W.
13	Cntrl Gaut.	Goal Inbou	Goal	G.P.
14	Cntrl Gaut.	Goal Inbou	Goal	G.W.
15	Cntrl Gaut.	Goal Inbou	Goal	G.P.
16	Cntrl Gaut.	Goal Inbou	Goal	G.P.
17	Cntrl Gaut.	Goal Inbou	Goal	G.P.
18	Cntrl Gaut.	Goal Inbou	Goal	G.W.

No.	Teams	Events	Outcomes	Reasons
1	Cntrl Gaut.	Side Inbou	Goal	P.D.
2	Cntrl Gaut.	Side Inbou	Goal	P.D.
3	Cntrl Gaut.	Side Inbou	Goal	P.D.
4	Cntrl Gaut.	Side Inbou	Goal	P.D.
5	Cntrl Gaut.	Side Inbou	Goal	G.P.
6	Cntrl Gaut.	Side Inbou	Goal	G.P.
7	Cntrl Gaut.	Side Inbou	Goal	G.W.
8	Cntrl Gaut.	Side Inbou	Goal	G.W.
9	Cntrl Gaut.	Side Inbou	Goal	G.W.
10	Cntrl Gaut.	Side Inbou	Goal	G.P.
11	Cntrl Gaut.	Side Inbou	Goal	G.P.

No.	Teams	Events	Outcomes	Reasons
1	Cntrl Gaut.	Turnover	Goal	P.P.
2	Cntrl Gaut.	Turnover	Goal	P.P.
3	Cntrl Gaut.	Turnover	Positive	G.D.
4	Cntrl Gaut.	Turnover	Positive	C.V.
5	Cntrl Gaut.	Turnover	Goal	P.P.
6	Cntrl Gaut.	Turnover	Positive	P.P.
7	Cntrl Gaut.	Turnover	Positive	P.P.
8	Cntrl Gaut.	Turnover	Positive	P.P.
9	Cntrl Gaut.	Turnover	Positive	C.V.
10	Cntrl Gaut.	Turnover	Positive	P.P.
11	Cntrl Gaut.	Turnover	Goal	P.P.
12	Cntrl Gaut.	Turnover	Positive	P.P.
13	Cntrl Gaut.	Turnover	Positive	P.P.
14	Cntrl Gaut.	Turnover	Positive	P.P.
15	Cntrl Gaut.	Turnover	Positive	P.W.
16	Cntrl Gaut.	Turnover	Positive	P.W.
17	Cntrl Gaut.	Turnover	Goal	P.W.
18	Cntrl Gaut.	Turnover	Positive	P.P.
19	Cntrl Gaut.	Turnover	Positive	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Cntrl Gaut.	Goal Inbou	Negative	P.P.
2	Cntrl Gaut.	Goal Inbou	Negative	P.P.
3	Cntrl Gaut.	Goal Inbou	Negative	P.P.
4	Cntrl Gaut.	Goal Inbou	Negative	G.D.
5	Cntrl Gaut.	Goal Inbou	Negative	P.W.
6	Cntrl Gaut.	Goal Inbou	Negative	P.P.
7	Cntrl Gaut.	Goal Inbou	Negative	P.P.
8	Cntrl Gaut.	Goal Inbou	Negative	P.P.
9	Cntrl Gaut.	Goal Inbou	Negative	G.D.
10	Cntrl Gaut.	Goal Inbou	Negative	10&15sec
11	Cntrl Gaut.	Goal Inbou	Negative	G.D.
12	Cntrl Gaut.	Goal Inbou	Negative	Other -
13	Cntrl Gaut.	Goal Inbou	Negative	10&15sec
14	Cntrl Gaut.	Goal Inbou	Negative	G.D.
15	Cntrl Gaut.	Goal Inbou	Negative	P.P.
16	Cntrl Gaut.	Goal Inbou	Negative	G.D.
17	Cntrl Gaut.	Goal Inbou	Negative	P.P.
18	Cntrl Gaut.	Goal Inbou	Negative	P.P.
19	Cntrl Gaut.	Goal Inbou	Negative	G.D.
20	Cntrl Gaut.	Goal Inbou	Negative	P.P.
21	Cntrl Gaut.	Goal Inbou	Negative	P.P.
22	Cntrl Gaut.	Goal Inbou	Negative	Other -
23	Cntrl Gaut.	Goal Inbou	Negative	P.P.
24	Cntrl Gaut.	Goal Inbou	Negative	P.P.
25	Cntrl Gaut.	Goal Inbou	Negative	P.W.
26	Cntrl Gaut.	Goal Inbou	Negative	P.W.
27	Cntrl Gaut.	Goal Inbou	Negative	P.W.
28	Cntrl Gaut.	Goal Inbou	Negative	10&15sec
29	Cntrl Gaut.	Goal Inbou	Negative	P.P.
30	Cntrl Gaut.	Goal Inbou	Negative	G.D.

No.	Teams	Events	Outcomes	Reasons
1	Cntrl Gaut.	Side Inbou	Negative	G.D.
2	Cntrl Gaut.	Side Inbou	Negative	P.P.
3	Cntrl Gaut.	Side Inbou	Negative	P.P.
4	Cntrl Gaut.	Side Inbou	Negative	P.P.
5	Cntrl Gaut.	Side Inbou	Negative	P.P.
6	Cntrl Gaut.	Side Inbou	Negative	G.D.
7	Cntrl Gaut.	Side Inbou	Negative	Other -
8	Cntrl Gaut.	Side Inbou	Negative	other +
9	Cntrl Gaut.	Side Inbou	Negative	G.D.
10	Cntrl Gaut.	Side Inbou	Negative	P.P.
11	Cntrl Gaut.	Side Inbou	Negative	G.D.
12	Cntrl Gaut.	Side Inbou	Negative	Other -

NORTHERN GAUTENG A STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	N. gaut.B	Goal Inbou	Goal	G.W.
2	N. gaut.B	Goal Inbou	Goal	G.P.
3	N. gaut.B	Goal Inbou	Goal	G.P.
4	N. gaut.B	Goal Inbou	Goal	P.D.
5	N. gaut.B	Goal Inbou	Goal	G.P.
6	N. gaut.B	Goal Inbou	Goal	G.P.
7	N. gaut.B	Goal Inbou	Goal	P.D.
8	N. gaut.B	Goal Inbou	Goal	G.P.
9	N. gaut.B	Goal Inbou	Goal	P.D.
10	N. gaut.B	Goal Inbou	Goal	G.P.
11	N. gaut.B	Goal Inbou	Goal	G.P.
12	N. gaut.B	Goal Inbou	Goal	G.W.
13	N. gaut.B	Goal Inbou	Goal	P.D.
14	N. gaut.B	Goal Inbou	Goal	G.W.
15	N. gaut.B	Goal Inbou	Goal	G.W.
16	N. gaut.B	Goal Inbou	Goal	G.W.
17	N. gaut.B	Goal Inbou	Goal	P.D.
18	N. gaut.B	Goal Inbou	Goal	G.W.
19	N. gaut.B	Goal Inbou	Goal	G.P.
20	N. gaut.B	Goal Inbou	Goal	G.P.
21	N. gaut.B	Goal Inbou	Goal	G.W.
22	N. gaut.B	Goal Inbou	Goal	G.P.

No.	Teams	Events	Outcomes	Reasons
1	N. gaut.B	Side Inbou	Goal	G.P.
2	N. gaut.B	Side Inbou	Goal	P.D.
3	N. gaut.B	Side Inbou	Goal	G.W.
4	N. gaut.B	Side Inbou	Goal	P.D.
5	N. gaut.B	Side Inbou	Goal	G.P.
6	N. gaut.B	Side Inbou	Goal	G.P.
7	N. gaut.B	Side Inbou	Goal	G.P.
8	N. gaut.B	Side Inbou	Goal	G.W.
9	N. gaut.B	Side Inbou	Goal	G.W.
10	N. gaut.B	Side Inbou	Goal	G.P.
11	N. gaut.B	Side Inbou	Goal	G.P.
12	N. gaut.B	Side Inbou	Goal	P.D.
13	N. gaut.B	Side Inbou	Goal	P.D.
14	N. gaut.B	Side Inbou	Goal	G.W.
15	N. gaut.B	Side Inbou	Goal	G.P.

No.	Teams	Events	Outcomes	Reasons
1	N. gaut.B	Turnover	Goal	P.P.
2	N. gaut.B	Turnover	Positive	P.P.
3	N. gaut.B	Turnover	Positive	G.D.
4	N. gaut.B	Turnover	Positive	P.W.
5	N. gaut.B	Turnover	Goal	G.D.
6	N. gaut.B	Turnover	Goal	P.P.
7	N. gaut.B	Turnover	Goal	P.P.
8	N. gaut.B	Turnover	Goal	P.P.
9	N. gaut.B	Turnover	Positive	P.P.
10	N. gaut.B	Turnover	Positive	10&15sec
11	N. gaut.B	Turnover	Positive	P.P.
12	N. gaut.B	Turnover	Positive	P.P.
13	N. gaut.B	Turnover	Positive	10&15sec
14	N. gaut.B	Turnover	Positive	P.P.
15	N. gaut.B	Turnover	Positive	G.D.
16	N. gaut.B	Turnover	Goal	P.P.
17	N. gaut.B	Turnover	Goal	P.P.
18	N. gaut.B	Turnover	Positive	G.D.
19	N. gaut.B	Turnover	Positive	Other -
20	N. gaut.B	Turnover	Goal	P.P.
21	N. gaut.B	Turnover	Goal	P.P.
22	N. gaut.B	Turnover	Positive	Other -
23	N. gaut.B	Turnover	Positive	P.P.
24	N. gaut.B	Turnover	Goal	P.P.
25	N. gaut.B	Turnover	Positive	P.W.
26	N. gaut.B	Turnover	Goal	G.D.
27	N. gaut.B	Turnover	Goal	P.P.
28	N. gaut.B	Turnover	Positive	P.W.
29	N. gaut.B	Turnover	Positive	10&15sec
30	N. gaut.B	Turnover	Positive	P.P.
31	N. gaut.B	Turnover	Positive	G.D.
32	N. gaut.B	Turnover	Positive	Other -

No.	Teams	Events	Outcomes	Reasons
1	N. gaut.B	Goal Inbou	Negative	P.P.
2	N. gaut.B	Goal Inbou	Negative	G.D.
3	N. gaut.B	Goal Inbou	Negative	P.P.
4	N. gaut.B	Goal Inbou	Negative	P.P.
5	N. gaut.B	Goal Inbou	Negative	P.P.
6	N. gaut.B	Goal Inbou	Negative	P.P.
7	N. gaut.B	Goal Inbou	Negative	P.P.
8	N. gaut.B	Goal Inbou	Negative	C.V.
9	N. gaut.B	Goal Inbou	Negative	P.P.
10	N. gaut.B	Goal Inbou	Negative	P.W.
11	N. gaut.B	Goal Inbou	Negative	P.P.
12	N. gaut.B	Goal Inbou	Negative	P.P.

No.	Teams	Events	Outcomes	Reasons
1	N. gaut.B	Side Inbou	Negative	C.V.
2	N. gaut.B	Side Inbou	Negative	G.D.
3	N. gaut.B	Side Inbou	Negative	P.P.
4	N. gaut.B	Side Inbou	Negative	P.P.
5	N. gaut.B	Side Inbou	Negative	P.P.
6	N. gaut.B	Side Inbou	Negative	P.P.
7	N. gaut.B	Side Inbou	Negative	other +
8	N. gaut.B	Side Inbou	Negative	P.P.
9	N. gaut.B	Side Inbou	Negative	P.P.
10	N. gaut.B	Side Inbou	Negative	P.W.
11	N. gaut.B	Side Inbou	Negative	G.D.
12	N. gaut.B	Side Inbou	Negative	P.P.

GAME 5: WESTERN PROVINCE A VS WESTERN PROVINCE B

WESTERN PROVINCE A STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	W.P.A.	Goal Inbou	Goal	G.W.
2	W.P.A.	Goal Inbou	Goal	G.W.
3	W.P.A.	Goal Inbou	Goal	G.W.
4	W.P.A.	Goal Inbou	Goal	G.W.
5	W.P.A.	Goal Inbou	Goal	P.D.
No.	Teams	Events	Outcomes	Reasons
1	W.P.A.	Side Inbou	Goal	G.P.
2	W.P.A.	Side Inbou	Goal	G.W.
3	W.P.A.	Side Inbou	Goal	G.W.
4	W.P.A.	Side Inbou	Goal	G.W.
5	W.P.A.	Side Inbou	Goal	G.P.
6	W.P.A.	Side Inbou	Goal	G.W.
7	W.P.A.	Side Inbou	Goal	P.D.
8	W.P.A.	Side Inbou	Goal	P.D.
9	W.P.A.	Side Inbou	Goal	G.P.
10	W.P.A.	Side Inbou	Goal	G.W.
11	W.P.A.	Side Inbou	Goal	P.D.
12	W.P.A.	Side Inbou	Goal	G.W.
13	W.P.A.	Side Inbou	Goal	G.P.
14	W.P.A.	Side Inbou	Goal	G.W.
15	W.P.A.	Side Inbou	Goal	P.D.
16	W.P.A.	Side Inbou	Goal	G.P.
17	W.P.A.	Side Inbou	Goal	G.P.
18	W.P.A.	Side Inbou	Goal	P.D.
19	W.P.A.	Side Inbou	Goal	G.W.
20	W.P.A.	Side Inbou	Goal	P.D.
21	W.P.A.	Side Inbou	Goal	G.W.
22	W.P.A.	Side Inbou	Goal	G.P.
23	W.P.A.	Side Inbou	Goal	P.D.
24	W.P.A.	Side Inbou	Goal	G.P.
No.	Teams	Events	Outcomes	Reasons
1	W.P.A.	Turnover	Positive	P.P.
2	W.P.A.	Turnover	Positive	G.D.
3	W.P.A.	Turnover	Goal	P.P.
4	W.P.A.	Turnover	Positive	P.P.
5	W.P.A.	Turnover	Positive	P.P.
6	W.P.A.	Turnover	Positive	P.P.
7	W.P.A.	Turnover	Positive	P.P.
8	W.P.A.	Turnover	Goal	P.P.
9	W.P.A.	Turnover	Positive	P.W.
10	W.P.A.	Turnover	Positive	G.D.
11	W.P.A.	Turnover	Positive	P.P.
12	W.P.A.	Turnover	Positive	P.P.
13	W.P.A.	Turnover	Positive	P.P.
14	W.P.A.	Turnover	Positive	P.P.
15	W.P.A.	Turnover	Positive	P.P.
16	W.P.A.	Turnover	Positive	P.P.
17	W.P.A.	Turnover	Positive	P.P.
18	W.P.A.	Turnover	Positive	P.W.
19	W.P.A.	Turnover	Positive	P.P.
20	W.P.A.	Turnover	Positive	P.P.
21	W.P.A.	Turnover	Positive	Other -
22	W.P.A.	Turnover	Positive	P.P.
23	W.P.A.	Turnover	Positive	P.P.
24	W.P.A.	Turnover	Positive	P.P.
25	W.P.A.	Turnover	Positive	P.P.
26	W.P.A.	Turnover	Positive	P.P.
27	W.P.A.	Turnover	Goal	P.P.
28	W.P.A.	Turnover	Positive	P.P.

No.	Teams	Events	Outcomes	Reasons
1	W.P.A.	Goal Inbou	Negative	P.P.
2	W.P.A.	Goal Inbou	Negative	P.P.
3	W.P.A.	Goal Inbou	Negative	P.P.
4	W.P.A.	Goal Inbou	Negative	P.P.
5	W.P.A.	Goal Inbou	Negative	P.P.
6	W.P.A.	Goal Inbou	Negative	Other -
7	W.P.A.	Goal Inbou	Negative	P.P.
8	W.P.A.	Goal Inbou	Negative	G.D.
9	W.P.A.	Goal Inbou	Negative	Other -

No.	Teams	Events	Outcomes	Reasons
1	W.P.A.	Side Inbou	Negative	P.W.
2	W.P.A.	Side Inbou	Negative	P.P.
3	W.P.A.	Side Inbou	Negative	Other -
4	W.P.A.	Side Inbou	Negative	Other -
5	W.P.A.	Side Inbou	Negative	Other -
6	W.P.A.	Side Inbou	Negative	G.D.
7	W.P.A.	Side Inbou	Negative	Other -
8	W.P.A.	Side Inbou	Negative	G.D.
9	W.P.A.	Side Inbou	Negative	P.P.
10	W.P.A.	Side Inbou	Negative	C.V.
11	W.P.A.	Side Inbou	Negative	C.V.
12	W.P.A.	Side Inbou	Negative	P.P.
13	W.P.A.	Side Inbou	Negative	P.P.
14	W.P.A.	Side Inbou	Negative	Other -
15	W.P.A.	Side Inbou	Negative	P.P.
16	W.P.A.	Side Inbou	Negative	P.P.
17	W.P.A.	Side Inbou	Negative	Other -
18	W.P.A.	Side Inbou	Negative	P.P.
19	W.P.A.	Side Inbou	Negative	P.W.
20	W.P.A.	Side Inbou	Negative	C.V.

29	W.P.A.	Turnover	Goal	P.P.
30	W.P.A.	Turnover	Goal	P.W.
31	W.P.A.	Turnover	Goal	G.D.
32	W.P.A.	Turnover	Positive	P.P.
33	W.P.A.	Turnover	Positive	P.P.
34	W.P.A.	Turnover	Positive	G.D.
35	W.P.A.	Turnover	Positive	G.D.
36	W.P.A.	Turnover	Positive	P.P.
37	W.P.A.	Turnover	Positive	G.D.

WESTERN PROVINCE B STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	W.P.B	Goal Inbou	Goal	P.D.
2	W.P.B	Goal Inbou	Goal	P.D.
3	W.P.B	Goal Inbou	Goal	G.W.
4	W.P.B	Goal Inbou	Goal	G.W.
5	W.P.B	Goal Inbou	Goal	G.P.

No.	Teams	Events	Outcomes	Reasons
1	W.P.B	Side Inbou	Goal	P.D.
2	W.P.B	Side Inbou	Goal	G.P.
3	W.P.B	Side Inbou	Goal	G.P.
4	W.P.B	Side Inbou	Goal	P.D.
5	W.P.B	Side Inbou	Goal	P.D.
6	W.P.B	Side Inbou	Goal	P.D.

No.	Teams	Events	Outcomes	Reasons
1	W.P.B	Turnover	Positive	P.W.
2	W.P.B	Turnover	Positive	P.P.
3	W.P.B	Turnover	Goal	P.P.
4	W.P.B	Turnover	Positive	P.P.
5	W.P.B	Turnover	Positive	P.P.
6	W.P.B	Turnover	Positive	P.P.
7	W.P.B	Turnover	Positive	G.D.
8	W.P.B	Turnover	Positive	Other -
9	W.P.B	Turnover	Goal	P.P.
10	W.P.B	Turnover	Positive	P.P.
11	W.P.B	Turnover	Positive	P.P.
12	W.P.B	Turnover	Goal	P.P.
13	W.P.B	Turnover	Positive	P.P.
14	W.P.B	Turnover	Positive	P.P.
15	W.P.B	Turnover	Positive	Other -
16	W.P.B	Turnover	Positive	P.P.
17	W.P.B	Turnover	Positive	P.W.

No.	Teams	Events	Outcomes	Reasons
1	W.P.B	Goal Inbou	Negative	P.P.
2	W.P.B	Goal Inbou	Negative	P.P.
3	W.P.B	Goal Inbou	Negative	P.P.
4	W.P.B	Goal Inbou	Negative	P.P.
5	W.P.B	Goal Inbou	Negative	P.W.
6	W.P.B	Goal Inbou	Negative	G.D.
7	W.P.B	Goal Inbou	Negative	P.P.
8	W.P.B	Goal Inbou	Negative	P.P.
9	W.P.B	Goal Inbou	Negative	P.P.
10	W.P.B	Goal Inbou	Negative	P.P.
11	W.P.B	Goal Inbou	Negative	P.P.
12	W.P.B	Goal Inbou	Negative	P.W.
13	W.P.B	Goal Inbou	Negative	P.P.
14	W.P.B	Goal Inbou	Negative	P.P.
15	W.P.B	Goal Inbou	Negative	P.P.
16	W.P.B	Goal Inbou	Negative	P.P.
17	W.P.B	Goal Inbou	Negative	P.P.
18	W.P.B	Goal Inbou	Negative	P.P.
19	W.P.B	Goal Inbou	Negative	P.P.
20	W.P.B	Goal Inbou	Negative	P.P.
21	W.P.B	Goal Inbou	Negative	P.P.
22	W.P.B	Goal Inbou	Negative	P.W.
23	W.P.B	Goal Inbou	Negative	P.P.
24	W.P.B	Goal Inbou	Negative	P.P.
25	W.P.B	Goal Inbou	Negative	G.D.
26	W.P.B	Goal Inbou	Negative	G.D.
27	W.P.B	Goal Inbou	Negative	P.P.

No.	Teams	Events	Outcomes	Reasons
1	W.P.B	Side Inbou	Negative	P.P.
2	W.P.B	Side Inbou	Negative	G.D.
3	W.P.B	Side Inbou	Negative	P.P.
4	W.P.B	Side Inbou	Negative	P.P.
5	W.P.B	Side Inbou	Negative	P.P.
6	W.P.B	Side Inbou	Negative	P.P.
7	W.P.B	Side Inbou	Negative	P.P.
8	W.P.B	Side Inbou	Negative	P.P.
9	W.P.B	Side Inbou	Negative	other +
10	W.P.B	Side Inbou	Negative	P.W.
11	W.P.B	Side Inbou	Negative	P.P.
12	W.P.B	Side Inbou	Negative	Other -
13	W.P.B	Side Inbou	Negative	P.P.
14	W.P.B	Side Inbou	Negative	C.V.
15	W.P.B	Side Inbou	Negative	P.P.
16	W.P.B	Side Inbou	Negative	P.P.
17	W.P.B	Side Inbou	Negative	G.D.
18	W.P.B	Side Inbou	Negative	G.D.

GAME 6: WESTERN PROVINCE A NORTHERN GAUTENG A

WESTERN PROVINCE A STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	W.P.A.	Goal Inbou	Goal	G.W.
2	W.P.A.	Goal Inbou	Goal	P.D.
3	W.P.A.	Goal Inbou	Goal	G.P.
4	W.P.A.	Goal Inbou	Goal	P.D.
5	W.P.A.	Goal Inbou	Goal	G.P.
6	W.P.A.	Goal Inbou	Goal	G.P.
7	W.P.A.	Goal Inbou	Goal	G.P.
8	W.P.A.	Goal Inbou	Goal	P.D.
9	W.P.A.	Goal Inbou	Goal	G.P.
10	W.P.A.	Goal Inbou	Goal	G.P.
11	W.P.A.	Goal Inbou	Goal	G.P.

No.	Teams	Events	Outcomes	Reasons
1	W.P.A.	Side Inbou	Goal	P.D.
2	W.P.A.	Side Inbou	Goal	G.W.
3	W.P.A.	Side Inbou	Goal	P.D.
4	W.P.A.	Side Inbou	Goal	G.P.
5	W.P.A.	Side Inbou	Goal	P.D.
6	W.P.A.	Side Inbou	Goal	P.D.
7	W.P.A.	Side Inbou	Goal	G.P.
8	W.P.A.	Side Inbou	Goal	P.D.
9	W.P.A.	Side Inbou	Goal	G.P.
10	W.P.A.	Side Inbou	Goal	P.D.
11	W.P.A.	Side Inbou	Goal	P.D.
12	W.P.A.	Side Inbou	Goal	P.D.
13	W.P.A.	Side Inbou	Goal	G.W.

No.	Teams	Events	Outcomes	Reasons
1	W.P.A.	Turnover	Positive	P.P.
2	W.P.A.	Turnover	Positive	P.P.
3	W.P.A.	Turnover	Positive	10&15sec
4	W.P.A.	Turnover	Goal	P.P.
5	W.P.A.	Turnover	Positive	Other -
6	W.P.A.	Turnover	Goal	P.W.
7	W.P.A.	Turnover	Goal	G.D.
8	W.P.A.	Turnover	Goal	P.P.
9	W.P.A.	Turnover	Positive	P.P.
10	W.P.A.	Turnover	Positive	10&15sec
11	W.P.A.	Turnover	Positive	P.P.
12	W.P.A.	Turnover	Positive	P.P.
13	W.P.A.	Turnover	Positive	G.D.
14	W.P.A.	Turnover	Positive	P.W.
15	W.P.A.	Turnover	Goal	P.P.
16	W.P.A.	Turnover	Goal	P.P.
17	W.P.A.	Turnover	Goal	P.P.
18	W.P.A.	Turnover	Goal	P.P.
19	W.P.A.	Turnover	Positive	P.P.
20	W.P.A.	Turnover	Positive	P.P.
21	W.P.A.	Turnover	Goal	P.P.
22	W.P.A.	Turnover	Goal	P.P.
23	W.P.A.	Turnover	Positive	P.P.
24	W.P.A.	Turnover	Positive	P.P.
25	W.P.A.	Turnover	Positive	P.P.
26	W.P.A.	Turnover	Positive	P.P.
27	W.P.A.	Turnover	Positive	P.P.
28	W.P.A.	Turnover	Goal	G.D.
29	W.P.A.	Turnover	Positive	P.P.
30	W.P.A.	Turnover	Positive	P.P.
31	W.P.A.	Turnover	Positive	P.P.

No.	Teams	Events	Outcomes	Reasons
1	W.P.A.	Goal Inbou	Negative	P.P.
2	W.P.A.	Goal Inbou	Negative	P.P.
3	W.P.A.	Goal Inbou	Negative	P.W.
4	W.P.A.	Goal Inbou	Negative	P.P.
5	W.P.A.	Goal Inbou	Negative	P.P.
6	W.P.A.	Goal Inbou	Negative	P.P.
7	W.P.A.	Goal Inbou	Negative	other +
8	W.P.A.	Goal Inbou	Negative	P.P.
9	W.P.A.	Goal Inbou	Negative	Other -
10	W.P.A.	Goal Inbou	Negative	Other -
11	W.P.A.	Goal Inbou	Negative	P.P.
12	W.P.A.	Goal Inbou	Negative	P.P.
13	W.P.A.	Goal Inbou	Negative	P.P.
14	W.P.A.	Goal Inbou	Negative	P.W.
15	W.P.A.	Goal Inbou	Negative	P.P.
16	W.P.A.	Goal Inbou	Negative	P.P.
17	W.P.A.	Goal Inbou	Negative	P.W.
18	W.P.A.	Goal Inbou	Negative	P.P.
19	W.P.A.	Goal Inbou	Negative	Other -
20	W.P.A.	Goal Inbou	Negative	P.P.

No.	Teams	Events	Outcomes	Reasons
1	W.P.A.	Side Inbou	Negative	P.P.
2	W.P.A.	Side Inbou	Negative	P.P.
3	W.P.A.	Side Inbou	Negative	G.D.
4	W.P.A.	Side Inbou	Negative	P.P.
5	W.P.A.	Side Inbou	Negative	C.V.
6	W.P.A.	Side Inbou	Negative	C.V.
7	W.P.A.	Side Inbou	Negative	P.P.
8	W.P.A.	Side Inbou	Negative	G.D.
9	W.P.A.	Side Inbou	Negative	P.P.
10	W.P.A.	Side Inbou	Negative	P.P.
11	W.P.A.	Side Inbou	Negative	P.P.
12	W.P.A.	Side Inbou	Negative	P.P.
13	W.P.A.	Side Inbou	Negative	P.P.
14	W.P.A.	Side Inbou	Negative	Other -
15	W.P.A.	Side Inbou	Negative	other +
16	W.P.A.	Side Inbou	Negative	P.P.
17	W.P.A.	Side Inbou	Negative	P.P.

NORTHERN GAUTENG A STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	N. gaut.A	Goal Inbou	Goal	G.P.
2	N. gaut.A	Goal Inbou	Goal	G.P.
3	N. gaut.A	Goal Inbou	Goal	G.W.
4	N. gaut.A	Goal Inbou	Goal	G.W.
5	N. gaut.A	Goal Inbou	Goal	G.P.
6	N. gaut.A	Goal Inbou	Goal	G.W.
7	N. gaut.A	Goal Inbou	Goal	G.W.
8	N. gaut.A	Goal Inbou	Goal	G.W.
9	N. gaut.A	Goal Inbou	Goal	G.W.
10	N. gaut.A	Goal Inbou	Goal	G.W.
11	N. gaut.A	Goal Inbou	Goal	G.P.
No.	Teams	Events	Outcomes	Reasons
1	N. gaut.A	Side Inbou	Goal	G.P.
2	N. gaut.A	Side Inbou	Goal	P.D.
3	N. gaut.A	Side Inbou	Goal	G.P.
4	N. gaut.A	Side Inbou	Goal	P.D.
5	N. gaut.A	Side Inbou	Goal	G.P.
6	N. gaut.A	Side Inbou	Goal	G.W.
7	N. gaut.A	Side Inbou	Goal	G.P.
8	N. gaut.A	Side Inbou	Goal	P.D.
9	N. gaut.A	Side Inbou	Goal	G.W.
10	N. gaut.A	Side Inbou	Goal	G.P.
11	N. gaut.A	Side Inbou	Goal	P.D.
12	N. gaut.A	Side Inbou	Goal	G.P.
13	N. gaut.A	Side Inbou	Goal	G.P.
14	N. gaut.A	Side Inbou	Goal	P.D.
15	N. gaut.A	Side Inbou	Goal	G.P.
No.	Teams	Events	Outcomes	Reasons
1	N. gaut.A	Turnover	Positive	P.P.
2	N. gaut.A	Turnover	Goal	P.P.
3	N. gaut.A	Turnover	Positive	P.P.
4	N. gaut.A	Turnover	Positive	P.W.
5	N. gaut.A	Turnover	Positive	P.P.
6	N. gaut.A	Turnover	Positive	P.P.
7	N. gaut.A	Turnover	Goal	P.P.
8	N. gaut.A	Turnover	Positive	G.D.
9	N. gaut.A	Turnover	Goal	P.P.
10	N. gaut.A	Turnover	Positive	C.V.
11	N. gaut.A	Turnover	Positive	P.P.
12	N. gaut.A	Turnover	Goal	P.P.
13	N. gaut.A	Turnover	Positive	G.D.
14	N. gaut.A	Turnover	Positive	P.P.
15	N. gaut.A	Turnover	Positive	P.P.
16	N. gaut.A	Turnover	Positive	P.W.
17	N. gaut.A	Turnover	Positive	P.P.
18	N. gaut.A	Turnover	Goal	P.P.
19	N. gaut.A	Turnover	Positive	P.P.
20	N. gaut.A	Turnover	Positive	P.P.
21	N. gaut.A	Turnover	Positive	P.P.
22	N. gaut.A	Turnover	Positive	P.P.
23	N. gaut.A	Turnover	Positive	P.P.
24	N. gaut.A	Turnover	Positive	P.P.
25	N. gaut.A	Turnover	Positive	P.P.

No.	Teams	Events	Outcomes	Reasons
1	N. gaut.A	Goal Inbou	Negative	P.P.
2	N. gaut.A	Goal Inbou	Negative	P.P.
3	N. gaut.A	Goal Inbou	Negative	Other -
4	N. gaut.A	Goal Inbou	Negative	P.W.
5	N. gaut.A	Goal Inbou	Negative	G.D.
6	N. gaut.A	Goal Inbou	Negative	P.P.
7	N. gaut.A	Goal Inbou	Negative	other +
8	N. gaut.A	Goal Inbou	Negative	Other -
9	N. gaut.A	Goal Inbou	Negative	G.D.
10	N. gaut.A	Goal Inbou	Negative	other +
11	N. gaut.A	Goal Inbou	Negative	P.P.
12	N. gaut.A	Goal Inbou	Negative	P.P.
13	N. gaut.A	Goal Inbou	Negative	Other -
14	N. gaut.A	Goal Inbou	Negative	P.P.
15	N. gaut.A	Goal Inbou	Negative	P.P.
16	N. gaut.A	Goal Inbou	Negative	G.D.
17	N. gaut.A	Goal Inbou	Negative	P.P.
18	N. gaut.A	Goal Inbou	Negative	P.P.
19	N. gaut.A	Goal Inbou	Negative	P.P.
20	N. gaut.A	Goal Inbou	Negative	Other -
21	N. gaut.A	Goal Inbou	Negative	P.P.
22	N. gaut.A	Goal Inbou	Negative	P.P.
23	N. gaut.A	Goal Inbou	Negative	Other -
24	N. gaut.A	Goal Inbou	Negative	other +
No.	Teams	Events	Outcomes	Reasons
1	N. gaut.A	Side Inbou	Negative	10&15sec
2	N. gaut.A	Side Inbou	Negative	P.P.
3	N. gaut.A	Side Inbou	Negative	P.P.
4	N. gaut.A	Side Inbou	Negative	10&15sec
5	N. gaut.A	Side Inbou	Negative	P.P.
6	N. gaut.A	Side Inbou	Negative	P.P.
7	N. gaut.A	Side Inbou	Negative	P.W.
8	N. gaut.A	Side Inbou	Negative	P.P.
9	N. gaut.A	Side Inbou	Negative	P.P.
10	N. gaut.A	Side Inbou	Negative	P.P.
11	N. gaut.A	Side Inbou	Negative	P.P.
12	N. gaut.A	Side Inbou	Negative	Other -
13	N. gaut.A	Side Inbou	Negative	Other -
14	N. gaut.A	Side Inbou	Negative	G.D.
15	N. gaut.A	Side Inbou	Negative	P.P.
16	N. gaut.A	Side Inbou	Negative	P.P.
17	N. gaut.A	Side Inbou	Negative	P.P.

GAME 1: HAWKS VS MANDEVILLE**HAWKS STATISTICS**

Successful Goal Inbounds				
No.	Teams	Events	Outcomes	Reasons
1	Hawks	Goal Inbou	Goal	G.P.
2	Hawks	Goal Inbou	Goal	G.P.
3	Hawks	Goal Inbou	Goal	G.P.
4	Hawks	Goal Inbou	Goal	G.P.
5	Hawks	Goal Inbou	Goal	G.P.
6	Hawks	Goal Inbou	Goal	P.D.
7	Hawks	Goal Inbou	Goal	P.D.
8	Hawks	Goal Inbou	Goal	G.P.
9	Hawks	Goal Inbou	Goal	G.P.
10	Hawks	Goal Inbou	Goal	G.P.
11	Hawks	Goal Inbou	Goal	G.P.
12	Hawks	Goal Inbou	Goal	G.P.
13	Hawks	Goal Inbou	Goal	G.P.
14	Hawks	Goal Inbou	Goal	G.W.

Unsuccessful Goal Inbounds				
No.	Teams	Events	Outcomes	Reasons
1	Hawks	Goal Inbou	Negative	P.P.
2	Hawks	Goal Inbou	Negative	P.P.
3	Hawks	Goal Inbou	Negative	P.P.
4	Hawks	Goal Inbou	Negative	G.D.
5	Hawks	Goal Inbou	Negative	P.P.
6	Hawks	Goal Inbou	Negative	other
7	Hawks	Goal Inbou	Negative	G.D.
8	Hawks	Goal Inbou	Negative	other
9	Hawks	Goal Inbou	Negative	P.P.
10	Hawks	Goal Inbou	Negative	other
11	Hawks	Goal Inbou	Negative	P.W.

Successful Side Inbounds				
No.	Teams	Events	Outcomes	Reasons
1	Hawks	Side Inbou	Goal	G.P.
2	Hawks	Side Inbou	Goal	P.D.
3	Hawks	Side Inbou	Goal	G.P.
4	Hawks	Side Inbou	Goal	G.P.
5	Hawks	Side Inbou	Goal	P.D.
6	Hawks	Side Inbou	Goal	P.D.
7	Hawks	Side Inbou	Goal	P.D.
8	Hawks	Side Inbou	Goal	G.P.
9	Hawks	Side Inbou	Goal	G.W.
10	Hawks	Side Inbou	Goal	G.P.
11	Hawks	Side Inbou	Goal	G.P.
12	Hawks	Side Inbou	Goal	P.D.
13	Hawks	Side Inbou	Goal	G.W.
14	Hawks	Side Inbou	Goal	P.D.
15	Hawks	Side Inbou	Goal	P.D.
16	Hawks	Side Inbou	Goal	P.D.
17	Hawks	Side Inbou	Goal	P.D.

Unsuccessful Side Inbounds				
No.	Teams	Events	Outcomes	Reasons
1	Hawks	Side Inbou	Negative	P.P.
2	Hawks	Side Inbou	Negative	P.P.
3	Hawks	Side Inbou	Negative	P.W.
4	Hawks	Side Inbou	Negative	other
5	Hawks	Side Inbou	Negative	10&15sec
6	Hawks	Side Inbou	Negative	other
7	Hawks	Side Inbou	Negative	P.P.
8	Hawks	Side Inbou	Negative	other

Turnovers				
No.	Teams	Events	Outcomes	Reasons
1	Hawks	Turnover	Positive	P.P.
2	Hawks	Turnover	Positive	G.D.
3	Hawks	Turnover	Positive	P.P.
4	Hawks	Turnover	Positive	P.P.
5	Hawks	Turnover	Positive	P.P.
6	Hawks	Turnover	Positive	P.P.
7	Hawks	Turnover	Positive	other
8	Hawks	Turnover	Positive	P.P.
9	Hawks	Turnover	Positive	P.P.
10	Hawks	Turnover	Positive	P.P.
11	Hawks	Turnover	Positive	P.P.
12	Hawks	Turnover	Positive	G.D.
13	Hawks	Turnover	Positive	G.D.
14	Hawks	Turnover	Positive	P.P.
15	Hawks	Turnover	Positive	P.P.
16	Hawks	Turnover	Positive	P.P.
17	Hawks	Turnover	Positive	P.P.
18	Hawks	Turnover	Positive	P.W.
19	Hawks	Turnover	Positive	P.P.
20	Hawks	Turnover	Positive	other
21	Hawks	Turnover	Goal	P.P.
22	Hawks	Turnover	Positive	other
23	Hawks	Turnover	Positive	P.P.
24	Hawks	Turnover	Positive	P.P.
25	Hawks	Turnover	Goal	P.P.
26	Hawks	Turnover	Positive	P.P.
27	Hawks	Turnover	Goal	P.P.
28	Hawks	Turnover	Positive	P.P.
29	Hawks	Turnover	Positive	P.P.
30	Hawks	Turnover	Goal	P.P.
31	Hawks	Turnover	Positive	P.P.

MANDEVILLE STATISTICS

Successful Goal Inbounds					Unsuccessful Goal Inbounds				
No.	Teams	Events	Outcomes	Reasons	No.	Teams	Events	Outcomes	Reasons
1	Mandeville	Goal Inbou	Goal	G.W.	1	Mandeville	Goal Inbou	Negative	P.P.
2	Mandeville	Goal Inbou	Goal	G.W.	2	Mandeville	Goal Inbou	Negative	P.P.
3	Mandeville	Goal Inbou	Goal	G.W.	3	Mandeville	Goal Inbou	Negative	G.D.
4	Mandeville	Goal Inbou	Goal	G.P.	4	Mandeville	Goal Inbou	Negative	P.P.
5	Mandeville	Goal Inbou	Goal	P.D.	5	Mandeville	Goal Inbou	Negative	P.P.
6	Mandeville	Goal Inbou	Goal	P.D.	6	Mandeville	Goal Inbou	Negative	other
7	Mandeville	Goal Inbou	Goal	P.D.	7	Mandeville	Goal Inbou	Negative	P.W.
8	Mandeville	Goal Inbou	Goal	P.D.	8	Mandeville	Goal Inbou	Negative	P.W.
9	Mandeville	Goal Inbou	Goal	G.P.	9	Mandeville	Goal Inbou	Negative	other
Successful Side Inbounds					10	Mandeville	Goal Inbou	Negative	P.P.
No.	Teams	Events	Outcomes	Reasons	11	Mandeville	Goal Inbou	Negative	P.P.
1	Mandeville	Side Inbou	Goal	P.D.	12	Mandeville	Goal Inbou	Negative	P.W.
2	Mandeville	Side Inbou	Goal	P.D.	13	Mandeville	Goal Inbou	Negative	P.P.
3	Mandeville	Side Inbou	Goal	P.D.	14	Mandeville	Goal Inbou	Negative	other
4	Mandeville	Side Inbou	Goal	P.D.	15	Mandeville	Goal Inbou	Negative	P.P.
5	Mandeville	Side Inbou	Goal	G.P.	16	Mandeville	Goal Inbou	Negative	P.W.
6	Mandeville	Side Inbou	Goal	P.D.	17	Mandeville	Goal Inbou	Negative	P.P.
7	Mandeville	Side Inbou	Goal	P.D.	18	Mandeville	Goal Inbou	Negative	other
8	Mandeville	Side Inbou	Goal	G.P.	19	Mandeville	Goal Inbou	Negative	other
9	Mandeville	Side Inbou	Goal	G.W.	20	Mandeville	Goal Inbou	Negative	P.W.
10	Mandeville	Side Inbou	Goal	G.W.	21	Mandeville	Goal Inbou	Negative	P.P.
11	Mandeville	Side Inbou	Goal	P.D.	22	Mandeville	Goal Inbou	Negative	P.P.
12	Mandeville	Side Inbou	Goal	P.D.	23	Mandeville	Goal Inbou	Negative	P.P.
13	Mandeville	Side Inbou	Goal	P.D.	24	Mandeville	Goal Inbou	Negative	P.P.
14	Mandeville	Side Inbou	Goal	P.D.	25	Mandeville	Goal Inbou	Negative	P.P.
Turnovers					26	Mandeville	Goal Inbou	Negative	P.P.
No.	Teams	Events	Outcomes	Reasons	27	Mandeville	Goal Inbou	Negative	P.P.
1	Mandeville	Turnover	Positive	P.P.	28	Mandeville	Goal Inbou	Negative	P.P.
2	Mandeville	Turnover	Positive	P.P.	29	Mandeville	Goal Inbou	Negative	P.P.
3	Mandeville	Turnover	Goal	P.P.					
4	Mandeville	Turnover	Positive	G.D.					
5	Mandeville	Turnover	Positive	P.P.					
6	Mandeville	Turnover	Positive	P.P.					
7	Mandeville	Turnover	Positive	P.P.					
8	Mandeville	Turnover	Positive	P.W.					
9	Mandeville	Turnover	Positive	C.V.					
10	Mandeville	Turnover	Positive	P.P.					
11	Mandeville	Turnover	Positive	other					
12	Mandeville	Turnover	Positive	G.D.					
13	Mandeville	Turnover	Positive	P.P.					
14	Mandeville	Turnover	Positive	other					
15	Mandeville	Turnover	Positive	other					
16	Mandeville	Turnover	Goal	P.P.					
17	Mandeville	Turnover	Positive	other					
18	Mandeville	Turnover	Positive	C.V.					
19	Mandeville	Turnover	Positive	P.W.					
Unsuccessful Side Inbounds									
No.	Teams	Events	Outcomes	Reasons					
1	Mandeville	Side Inbou	Negative	P.P.					
2	Mandeville	Side Inbou	Negative	other					
3	Mandeville	Side Inbou	Negative	P.W.					
4	Mandeville	Side Inbou	Negative	P.P.					
5	Mandeville	Side Inbou	Negative	P.W.					
6	Mandeville	Side Inbou	Negative	P.P.					
7	Mandeville	Side Inbou	Negative	G.D.					
8	Mandeville	Side Inbou	Negative	P.P.					
9	Mandeville	Side Inbou	Negative	P.P.					
10	Mandeville	Side Inbou	Negative	other					
11	Mandeville	Side Inbou	Negative	P.P.					
12	Mandeville	Side Inbou	Negative	P.P.					
13	Mandeville	Side Inbou	Negative	P.P.					

Game 2: MANDEVILLE VS TUKKIES**MANDEVILLE STATISTICS**

No.	Teams	Events	Outcomes	Reasons
1	Mandeville	Goal Inbou	Goal	G.P.
2	Mandeville	Goal Inbou	Goal	G.W.
3	Mandeville	Goal Inbou	Goal	G.P.
4	Mandeville	Goal Inbou	Goal	G.P.
5	Mandeville	Goal Inbou	Goal	G.P.

No.	Teams	Events	Outcomes	Reasons
1	Mandeville	Goal Inbou	Negative	P.P.
2	Mandeville	Goal Inbou	Negative	other
3	Mandeville	Goal Inbou	Negative	P.P.
4	Mandeville	Goal Inbou	Negative	P.P.
5	Mandeville	Goal Inbou	Negative	other
6	Mandeville	Goal Inbou	Negative	C.V.
7	Mandeville	Goal Inbou	Negative	P.P.
8	Mandeville	Goal Inbou	Negative	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Mandeville	Side Inbou	Negative	P.P.

No.	Teams	Events	Outcomes	Reasons
2	Mandeville	Turnover	Positive	G.D.

TUKKIES STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	Tukkies	Goal Inbou	Goal	P.D.
2	Tukkies	Goal Inbou	Goal	G.W.
3	Tukkies	Goal Inbou	Goal	P.D.
4	Tukkies	Goal Inbou	Goal	G.W.

No.	Teams	Events	Outcomes	Reasons
1	Tukkies	Side Inbou	Goal	P.D.
2	Tukkies	Side Inbou	Goal	P.D.
3	Tukkies	Side Inbou	Goal	P.D.
4	Tukkies	Side Inbou	Goal	P.D.

No.	Teams	Events	Outcomes	Reasons
1	Tukkies	Turnover	Positive	P.P.
2	Tukkies	Turnover	Positive	other
3	Tukkies	Turnover	Positive	P.P.
4	Tukkies	Turnover	Goal	P.P.
5	Tukkies	Turnover	Positive	C.V.
6	Tukkies	Turnover	Positive	P.P.
7	Tukkies	Turnover	Goal	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Tukkies	Goal Inbou	Negative	other

No.	Teams	Events	Outcomes	Reasons
1	Tukkies	Side Inbou	Negative	P.W.

GAME 3: HAWKS VS PHILIDELPHIA**HAWKS STATISTICS**

No.	Teams	Events	Outcomes	Reasons
1	Hawks	Goal Inbou	Goal	P.D.
2	Hawks	Goal Inbou	Goal	P.D.

No.	Teams	Events	Outcomes	Reasons
1	Hawks	Side Inbou	Goal	G.W.
2	Hawks	Side Inbou	Goal	G.P.
3	Hawks	Side Inbou	Goal	P.D.
4	Hawks	Side Inbou	Goal	G.P.
5	Hawks	Side Inbou	Goal	P.D.
6	Hawks	Side Inbou	Goal	P.D.
7	Hawks	Side Inbou	Goal	G.P.
8	Hawks	Side Inbou	Goal	P.D.
9	Hawks	Side Inbou	Goal	P.D.
10	Hawks	Side Inbou	Goal	G.P.
11	Hawks	Side Inbou	Goal	P.D.
12	Hawks	Side Inbou	Goal	P.D.
13	Hawks	Side Inbou	Goal	P.D.
14	Hawks	Side Inbou	Goal	P.D.
15	Hawks	Side Inbou	Goal	P.D.
16	Hawks	Side Inbou	Goal	P.D.
17	Hawks	Side Inbou	Goal	G.P.
18	Hawks	Side Inbou	Goal	G.P.
19	Hawks	Side Inbou	Goal	P.D.
20	Hawks	Side Inbou	Goal	P.D.

No.	Teams	Events	Outcomes	Reasons
1	Hawks	Turnover	Positive	other
2	Hawks	Turnover	Goal	P.P.
3	Hawks	Turnover	Goal	P.P.
4	Hawks	Turnover	Goal	P.P.
5	Hawks	Turnover	Positive	P.P.
6	Hawks	Turnover	Positive	P.P.
7	Hawks	Turnover	Goal	G.D.
8	Hawks	Turnover	Positive	C.V.
9	Hawks	Turnover	Goal	G.D.
10	Hawks	Turnover	Goal	P.P.
11	Hawks	Turnover	Goal	P.P.
12	Hawks	Turnover	Goal	P.P.
13	Hawks	Turnover	Positive	C.V.
14	Hawks	Turnover	Goal	P.P.
15	Hawks	Turnover	Positive	10&15sec
16	Hawks	Turnover	Goal	P.W.
17	Hawks	Turnover	Positive	G.D.
18	Hawks	Turnover	Positive	P.P.
19	Hawks	Turnover	Positive	other
20	Hawks	Turnover	Positive	P.P.
21	Hawks	Turnover	Goal	P.P.
22	Hawks	Turnover	Positive	10&15sec
23	Hawks	Turnover	Positive	G.D.
24	Hawks	Turnover	Positive	G.D.
25	Hawks	Turnover	Goal	P.P.
26	Hawks	Turnover	Positive	other
27	Hawks	Turnover	Positive	P.P.
28	Hawks	Turnover	Positive	P.P.
29	Hawks	Turnover	Positive	C.V.
30	Hawks	Turnover	Positive	other
31	Hawks	Turnover	Goal	P.P.
32	Hawks	Turnover	Goal	P.P.
33	Hawks	Turnover	Goal	P.P.
34	Hawks	Turnover	Positive	10&15sec
35	Hawks	Turnover	Goal	G.D.
36	Hawks	Turnover	Positive	P.W.
37	Hawks	Turnover	Positive	other
38	Hawks	Turnover	Positive	G.D.
39	Hawks	Turnover	Positive	P.W.
40	Hawks	Turnover	Goal	P.P.
41	Hawks	Turnover	Goal	P.P.
42	Hawks	Turnover	Goal	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Hawks	Goal Inbou	Negative	10&15sec
2	Hawks	Goal Inbou	Negative	other
3	Hawks	Goal Inbou	Negative	P.P.
4	Hawks	Goal Inbou	Negative	10&15sec

No.	Teams	Events	Outcomes	Reasons
1	Hawks	Side Inbou	Negative	P.W.
2	Hawks	Side Inbou	Negative	P.W.
3	Hawks	Side Inbou	Negative	P.P.
4	Hawks	Side Inbou	Negative	other
5	Hawks	Side Inbou	Negative	P.P.
6	Hawks	Side Inbou	Negative	P.P.
7	Hawks	Side Inbou	Negative	P.P.

43	Hawks	Turnover	Goal	P.P.
44	Hawks	Turnover	Goal	P.P.
45	Hawks	Turnover	Goal	P.P.
46	Hawks	Turnover	Positive	10&15sec
47	Hawks	Turnover	Goal	P.P.
48	Hawks	Turnover	Goal	P.P.
49	Hawks	Turnover	Positive	P.W.
50	Hawks	Turnover	Positive	P.P.

PHILIDELPHIA STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	Philidelphia	Goal Inbou	Goal	G.W.
2	Philidelphia	Goal Inbou	Goal	G.W.

No.	Teams	Events	Outcomes	Reasons
1	Philidelphia	Side Inbou	Goal	G.W.
2	Philidelphia	Side Inbou	Goal	G.P.
3	Philidelphia	Side Inbou	Goal	G.W.
4	Philidelphia	Side Inbou	Goal	P.D.

No.	Teams	Events	Outcomes	Reasons
1	Philidelphia	Side Inbou	Negative	other
2	Philidelphia	Side Inbou	Negative	P.P.
3	Philidelphia	Side Inbou	Negative	G.D.
4	Philidelphia	Side Inbou	Negative	G.D.
5	Philidelphia	Side Inbou	Negative	other
6	Philidelphia	Side Inbou	Negative	P.P.
7	Philidelphia	Side Inbou	Negative	P.P.
8	Philidelphia	Side Inbou	Negative	P.W.
9	Philidelphia	Side Inbou	Negative	other
10	Philidelphia	Side Inbou	Negative	other
11	Philidelphia	Side Inbou	Negative	P.P.
12	Philidelphia	Side Inbou	Negative	other
13	Philidelphia	Side Inbou	Negative	other
14	Philidelphia	Side Inbou	Negative	P.P.
15	Philidelphia	Side Inbou	Negative	P.P.
16	Philidelphia	Side Inbou	Negative	other
17	Philidelphia	Side Inbou	Negative	P.P.
18	Philidelphia	Side Inbou	Negative	other
19	Philidelphia	Side Inbou	Negative	P.P.
20	Philidelphia	Side Inbou	Negative	10&15sec
21	Philidelphia	Side Inbou	Negative	P.P.
22	Philidelphia	Side Inbou	Negative	P.P.
23	Philidelphia	Side Inbou	Negative	other
24	Philidelphia	Side Inbou	Negative	P.P.
25	Philidelphia	Side Inbou	Negative	P.W.
26	Philidelphia	Side Inbou	Negative	10&15sec
27	Philidelphia	Side Inbou	Negative	P.P.
28	Philidelphia	Side Inbou	Negative	10&15sec

No.	Teams	Events	Outcomes	Reasons
1	Philidelphia	Turnover	Positive	P.P.
2	Philidelphia	Turnover	Positive	P.P.
3	Philidelphia	Turnover	Positive	P.W.
4	Philidelphia	Turnover	Positive	P.P.
5	Philidelphia	Turnover	Positive	10&15sec
6	Philidelphia	Turnover	Positive	C.V.
7	Philidelphia	Turnover	Positive	other
8	Philidelphia	Turnover	Positive	10&15sec
9	Philidelphia	Turnover	Positive	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Philidelphia	Goal Inbou	Negative	G.D.
2	Philidelphia	Goal Inbou	Negative	P.P.
3	Philidelphia	Goal Inbou	Negative	P.P.
4	Philidelphia	Goal Inbou	Negative	P.P.
5	Philidelphia	Goal Inbou	Negative	other
6	Philidelphia	Goal Inbou	Negative	P.P.
7	Philidelphia	Goal Inbou	Negative	P.W.
8	Philidelphia	Goal Inbou	Negative	other
9	Philidelphia	Goal Inbou	Negative	C.V.
10	Philidelphia	Goal Inbou	Negative	P.P.
11	Philidelphia	Goal Inbou	Negative	P.P.
12	Philidelphia	Goal Inbou	Negative	P.P.
13	Philidelphia	Goal Inbou	Negative	other
14	Philidelphia	Goal Inbou	Negative	C.V.
15	Philidelphia	Goal Inbou	Negative	10&15sec
16	Philidelphia	Goal Inbou	Negative	P.P.
17	Philidelphia	Goal Inbou	Negative	G.D.
18	Philidelphia	Goal Inbou	Negative	P.P.
19	Philidelphia	Goal Inbou	Negative	P.P.
20	Philidelphia	Goal Inbou	Negative	P.P.
21	Philidelphia	Goal Inbou	Negative	10&15sec
22	Philidelphia	Goal Inbou	Negative	G.D.
23	Philidelphia	Goal Inbou	Negative	G.D.
24	Philidelphia	Goal Inbou	Negative	G.D.
25	Philidelphia	Goal Inbou	Negative	P.P.
26	Philidelphia	Goal Inbou	Negative	P.P.
27	Philidelphia	Goal Inbou	Negative	P.P.
28	Philidelphia	Goal Inbou	Negative	G.D.
29	Philidelphia	Goal Inbou	Negative	P.P.
30	Philidelphia	Goal Inbou	Negative	P.W.
31	Philidelphia	Goal Inbou	Negative	G.D.
32	Philidelphia	Goal Inbou	Negative	G.D.
33	Philidelphia	Goal Inbou	Negative	P.W.
34	Philidelphia	Goal Inbou	Negative	P.W.
35	Philidelphia	Goal Inbou	Negative	P.W.
36	Philidelphia	Goal Inbou	Negative	P.W.
37	Philidelphia	Goal Inbou	Negative	P.W.
38	Philidelphia	Goal Inbou	Negative	P.P.
39	Philidelphia	Goal Inbou	Negative	P.P.
40	Philidelphia	Goal Inbou	Negative	P.P.
41	Philidelphia	Goal Inbou	Negative	P.P.
42	Philidelphia	Goal Inbou	Negative	other
43	Philidelphia	Goal Inbou	Negative	P.P.
44	Philidelphia	Goal Inbou	Negative	G.D.
45	Philidelphia	Goal Inbou	Negative	P.P.
46	Philidelphia	Goal Inbou	Negative	P.W.
47	Philidelphia	Goal Inbou	Negative	P.W.
48	Philidelphia	Goal Inbou	Negative	P.W.

No.	Teams	Events	Outcomes	Reasons
1	Hurricanes	Goal Inbou	Goal	P.D.
2	Hurricanes	Goal Inbou	Goal	C.V.
3	Hurricanes	Goal Inbou	Goal	P.D.
4	Hurricanes	Goal Inbou	Goal	G.W.
5	Hurricanes	Goal Inbou	Goal	P.D.
6	Hurricanes	Goal Inbou	Goal	G.W.
7	Hurricanes	Goal Inbou	Goal	P.D.
8	Hurricanes	Goal Inbou	Goal	C.V.
9	Hurricanes	Goal Inbou	Goal	G.W.

No.	Teams	Events	Outcomes	Reasons
1	Hurricanes	Side Inbou	Goal	G.P.
2	Hurricanes	Side Inbou	Goal	G.W.
3	Hurricanes	Side Inbou	Goal	G.W.
4	Hurricanes	Side Inbou	Goal	G.W.

No.	Teams	Events	Outcomes	Reasons
1	Hurricanes	Turnover	Goal	P.P.
2	Hurricanes	Turnover	Goal	P.P.
3	Hurricanes	Turnover	Positive	C.V.
4	Hurricanes	Turnover	Positive	P.W.
5	Hurricanes	Turnover	Goal	P.P.
6	Hurricanes	Turnover	Goal	P.W.
7	Hurricanes	Turnover	Goal	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Hurricanes	Side Inbou	Negative	C.V.
2	Hurricanes	Side Inbou	Negative	P.P.
3	Hurricanes	Side Inbou	Negative	P.P.
4	Hurricanes	Side Inbou	Negative	P.W.
5	Hurricanes	Side Inbou	Negative	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Hurricanes	Goal Inbou	Negative	P.P.
2	Hurricanes	Goal Inbou	Negative	P.P.
3	Hurricanes	Goal Inbou	Negative	P.P.
4	Hurricanes	Goal Inbou	Negative	P.P.
5	Hurricanes	Goal Inbou	Negative	G.D.
6	Hurricanes	Goal Inbou	Negative	P.P.
7	Hurricanes	Goal Inbou	Negative	P.P.
8	Hurricanes	Goal Inbou	Negative	P.W.
9	Hurricanes	Goal Inbou	Negative	other
10	Hurricanes	Goal Inbou	Negative	P.P.
11	Hurricanes	Goal Inbou	Negative	10&15sec
12	Hurricanes	Goal Inbou	Negative	P.P.
13	Hurricanes	Goal Inbou	Negative	P.P.
14	Hurricanes	Goal Inbou	Negative	other
15	Hurricanes	Goal Inbou	Negative	other
16	Hurricanes	Goal Inbou	Negative	P.P.
17	Hurricanes	Goal Inbou	Negative	P.P.
18	Hurricanes	Goal Inbou	Negative	P.P.
19	Hurricanes	Goal Inbou	Negative	P.P.
20	Hurricanes	Goal Inbou	Negative	P.P.
21	Hurricanes	Goal Inbou	Negative	G.D.
22	Hurricanes	Goal Inbou	Negative	P.P.
23	Hurricanes	Goal Inbou	Negative	G.D.
24	Hurricanes	Goal Inbou	Negative	P.P.
25	Hurricanes	Goal Inbou	Negative	G.D.
26	Hurricanes	Goal Inbou	Negative	G.D.
27	Hurricanes	Goal Inbou	Negative	P.P.
28	Hurricanes	Goal Inbou	Negative	other
29	Hurricanes	Goal Inbou	Negative	P.P.
30	Hurricanes	Goal Inbou	Negative	other
31	Hurricanes	Goal Inbou	Negative	10secinkey

TUKKIES STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	Tukkies	Goal Inbou	Goal	P.D.
2	Tukkies	Goal Inbou	Goal	P.D.
3	Tukkies	Goal Inbou	Goal	G.W.
4	Tukkies	Goal Inbou	Goal	P.D.
5	Tukkies	Goal Inbou	Goal	P.D.
6	Tukkies	Goal Inbou	Goal	P.D.
7	Tukkies	Goal Inbou	Goal	P.D.
8	Tukkies	Goal Inbou	Goal	P.D.
9	Tukkies	Goal Inbou	Goal	G.W.
10	Tukkies	Goal Inbou	Goal	P.D.
11	Tukkies	Goal Inbou	Goal	P.D.
12	Tukkies	Goal Inbou	Goal	P.D.
13	Tukkies	Goal Inbou	Goal	G.P.

No.	Teams	Events	Outcomes	Reasons
1	Tukkies	Side Inbou	Goal	P.D.
2	Tukkies	Side Inbou	Goal	G.W.
3	Tukkies	Side Inbou	Goal	G.W.
4	Tukkies	Side Inbou	Goal	G.P.
5	Tukkies	Side Inbou	Goal	G.P.
6	Tukkies	Side Inbou	Goal	G.P.
7	Tukkies	Side Inbou	Goal	P.D.
8	Tukkies	Side Inbou	Goal	P.D.
9	Tukkies	Side Inbou	Goal	P.D.
10	Tukkies	Side Inbou	Goal	P.D.
11	Tukkies	Side Inbou	Goal	P.D.
12	Tukkies	Side Inbou	Goal	P.D.
13	Tukkies	Side Inbou	Goal	P.D.
14	Tukkies	Side Inbou	Goal	P.D.

No.	Teams	Events	Outcomes	Reasons
1	Tukkies	Turnover	Goal	G.P.
2	Tukkies	Turnover	Positive	P.P.
3	Tukkies	Turnover	Positive	G.D.
4	Tukkies	Turnover	Goal	P.P.
5	Tukkies	Turnover	Positive	C.V.
6	Tukkies	Turnover	Goal	P.P.
7	Tukkies	Turnover	Goal	G.D.
8	Tukkies	Turnover	Goal	P.P.
9	Tukkies	Turnover	Positive	10&15sec
10	Tukkies	Turnover	Goal	P.P.
11	Tukkies	Turnover	Goal	P.P.
12	Tukkies	Turnover	Positive	other
13	Tukkies	Turnover	Goal	P.P.
14	Tukkies	Turnover	Positive	P.P.
15	Tukkies	Turnover	Positive	P.P.
16	Tukkies	Turnover	Positive	P.P.
17	Tukkies	Turnover	Goal	P.P.
18	Tukkies	Turnover	Goal	P.P.
19	Tukkies	Turnover	Positive	P.P.
20	Tukkies	Turnover	Positive	P.P.
21	Tukkies	Turnover	Positive	P.P.
22	Tukkies	Turnover	Goal	P.P.
23	Tukkies	Turnover	Positive	G.D.
24	Tukkies	Turnover	Goal	P.P.
25	Tukkies	Turnover	Goal	P.P.
26	Tukkies	Turnover	Goal	G.D.
27	Tukkies	Turnover	Positive	P.P.
28	Tukkies	Turnover	Positive	10&15sec

No.	Teams	Events	Outcomes	Reasons
1	Tukkies	Goal Inbou	Negative	P.P.
2	Tukkies	Goal Inbou	Negative	P.P.
3	Tukkies	Goal Inbou	Negative	P.W.
4	Tukkies	Goal Inbou	Negative	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Tukkies	Side Inbou	Negative	P.P.
2	Tukkies	Side Inbou	Negative	other
3	Tukkies	Side Inbou	Negative	P.P.

GAME 5: HAWKS VS HURRICANES**HAWKS STATISTICS**

No.	Teams	Events	Outcomes	Reasons
1	Hawks	Goal Inbou	Goal	P.D.
2	Hawks	Goal Inbou	Goal	P.D.
3	Hawks	Goal Inbou	Goal	G.P.
4	Hawks	Goal Inbou	Goal	P.D.

No.	Teams	Events	Outcomes	Reasons
1	Hawks	Side Inbou	Goal	G.P.
2	Hawks	Side Inbou	Goal	G.W.
3	Hawks	Side Inbou	Goal	G.P.
4	Hawks	Side Inbou	Goal	P.D.
5	Hawks	Side Inbou	Goal	P.D.
6	Hawks	Side Inbou	Goal	P.D.
7	Hawks	Side Inbou	Goal	P.D.
8	Hawks	Side Inbou	Goal	P.P.
9	Hawks	Side Inbou	Goal	P.D.
10	Hawks	Side Inbou	Goal	P.D.
11	Hawks	Side Inbou	Goal	P.D.
12	Hawks	Side Inbou	Goal	P.D.
13	Hawks	Side Inbou	Goal	P.D.

No.	Teams	Events	Outcomes	Reasons
1	Hawks	Turnover	Goal	P.D.
2	Hawks	Turnover	Positive	other
3	Hawks	Turnover	Goal	P.P.
4	Hawks	Turnover	Positive	P.P.
5	Hawks	Turnover	Positive	P.P.
6	Hawks	Turnover	Positive	P.P.
7	Hawks	Turnover	Goal	P.P.
8	Hawks	Turnover	Goal	P.P.
9	Hawks	Turnover	Goal	P.P.
10	Hawks	Turnover	Positive	other
11	Hawks	Turnover	Goal	P.P.
12	Hawks	Turnover	Positive	P.P.
13	Hawks	Turnover	Goal	P.P.
14	Hawks	Turnover	Positive	P.P.
15	Hawks	Turnover	Goal	P.P.
16	Hawks	Turnover	Goal	P.P.
17	Hawks	Turnover	Goal	P.P.
18	Hawks	Turnover	Positive	P.P.
19	Hawks	Turnover	Positive	P.P.
20	Hawks	Turnover	Goal	P.P.
21	Hawks	Turnover	Goal	P.W.
22	Hawks	Turnover	Goal	P.P.
23	Hawks	Turnover	Positive	P.P.
24	Hawks	Turnover	Positive	P.P.
25	Hawks	Turnover	Goal	P.W.
26	Hawks	Turnover	Goal	P.P.
27	Hawks	Turnover	Positive	P.P.
28	Hawks	Turnover	Goal	P.P.
29	Hawks	Turnover	Goal	P.P.
30	Hawks	Turnover	Positive	C.V.
31	Hawks	Turnover	Positive	P.W.
32	Hawks	Turnover	Positive	P.P.
33	Hawks	Turnover	Positive	P.P.
34	Hawks	Turnover	Positive	P.P.
35	Hawks	Turnover	Positive	P.P.
36	Hawks	Turnover	Positive	P.W.
37	Hawks	Turnover	Goal	P.P.
38	Hawks	Turnover	Goal	P.P.
39	Hawks	Turnover	Positive	other
40	Hawks	Turnover	Positive	P.W.
41	Hawks	Turnover	Positive	other
42	Hawks	Turnover	Positive	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Hawks	Goal Inbou	Negative	P.P.
2	Hawks	Goal Inbou	Negative	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Hawks	Side Inbou	Negative	P.P.
2	Hawks	Side Inbou	Negative	P.P.
3	Hawks	Side Inbou	Negative	P.P.
4	Hawks	Side Inbou	Negative	P.P.
5	Hawks	Side Inbou	Negative	other
6	Hawks	Side Inbou	Negative	P.P.
7	Hawks	Side Inbou	Negative	P.P.
8	Hawks	Side Inbou	Negative	P.P.
9	Hawks	Side Inbou	Negative	P.P.
10	Hawks	Side Inbou	Negative	P.P.
11	Hawks	Side Inbou	Negative	P.P.
12	Hawks	Side Inbou	Negative	P.P.
13	Hawks	Side Inbou	Negative	P.P.
14	Hawks	Side Inbou	Negative	P.P.

HURRICANES STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	Hurricanes	Side Inbou	Goal	P.D.
2	Hurricanes	Side Inbou	Goal	P.D.
3	Hurricanes	Side Inbou	Goal	G.P.

No.	Teams	Events	Outcomes	Reasons
1	Hurricanes	Turnover	Goal	P.P.
2	Hurricanes	Turnover	Positive	P.W.
3	Hurricanes	Turnover	Positive	C.V.
4	Hurricanes	Turnover	Positive	P.P.
5	Hurricanes	Turnover	Positive	P.P.
6	Hurricanes	Turnover	Goal	P.P.
7	Hurricanes	Turnover	Goal	P.P.
8	Hurricanes	Turnover	Positive	P.P.
9	Hurricanes	Turnover	Positive	P.P.
10	Hurricanes	Turnover	Positive	P.P.
11	Hurricanes	Turnover	Positive	P.P.
12	Hurricanes	Turnover	Positive	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Hurricanes	Side Inbou	Negative	other
2	Hurricanes	Side Inbou	Negative	P.P.
3	Hurricanes	Side Inbou	Negative	P.P.
4	Hurricanes	Side Inbou	Negative	P.P.
5	Hurricanes	Side Inbou	Negative	P.P.
6	Hurricanes	Side Inbou	Negative	P.P.
7	Hurricanes	Side Inbou	Negative	P.P.
8	Hurricanes	Side Inbou	Negative	P.P.
9	Hurricanes	Side Inbou	Negative	other
10	Hurricanes	Side Inbou	Negative	P.P.
11	Hurricanes	Side Inbou	Negative	P.W.
12	Hurricanes	Side Inbou	Negative	P.P.
13	Hurricanes	Side Inbou	Negative	P.P.
14	Hurricanes	Side Inbou	Negative	P.P.
15	Hurricanes	Side Inbou	Negative	P.P.
16	Hurricanes	Side Inbou	Negative	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Hurricanes	Goal Inbou	Negative	other
2	Hurricanes	Goal Inbou	Negative	P.P.
3	Hurricanes	Goal Inbou	Negative	P.P.
4	Hurricanes	Goal Inbou	Negative	P.P.
5	Hurricanes	Goal Inbou	Negative	P.P.
6	Hurricanes	Goal Inbou	Negative	P.P.
7	Hurricanes	Goal Inbou	Negative	P.P.
8	Hurricanes	Goal Inbou	Negative	P.P.
9	Hurricanes	Goal Inbou	Negative	C.V.
10	Hurricanes	Goal Inbou	Negative	P.P.
11	Hurricanes	Goal Inbou	Negative	P.P.
12	Hurricanes	Goal Inbou	Negative	P.P.
13	Hurricanes	Goal Inbou	Negative	P.W.
14	Hurricanes	Goal Inbou	Negative	P.P.
15	Hurricanes	Goal Inbou	Negative	P.P.
16	Hurricanes	Goal Inbou	Negative	P.P.
17	Hurricanes	Goal Inbou	Negative	P.P.
18	Hurricanes	Goal Inbou	Negative	P.P.
19	Hurricanes	Goal Inbou	Negative	P.W.
20	Hurricanes	Goal Inbou	Negative	P.P.
21	Hurricanes	Goal Inbou	Negative	P.P.
22	Hurricanes	Goal Inbou	Negative	P.P.
23	Hurricanes	Goal Inbou	Negative	P.W.
24	Hurricanes	Goal Inbou	Negative	P.P.
25	Hurricanes	Goal Inbou	Negative	P.P.
26	Hurricanes	Goal Inbou	Negative	P.P.
27	Hurricanes	Goal Inbou	Negative	P.P.
28	Hurricanes	Goal Inbou	Negative	P.P.
29	Hurricanes	Goal Inbou	Negative	C.V.
30	Hurricanes	Goal Inbou	Negative	P.W.
31	Hurricanes	Goal Inbou	Negative	P.W.
32	Hurricanes	Goal Inbou	Negative	P.P.
33	Hurricanes	Goal Inbou	Negative	P.P.
34	Hurricanes	Goal Inbou	Negative	other
35	Hurricanes	Goal Inbou	Negative	P.W.
36	Hurricanes	Goal Inbou	Negative	P.P.
37	Hurricanes	Goal Inbou	Negative	P.P.

GAME 6: HURRICANES VS MANDEVILLE**MANDEVILLE STATISTICS**

No.	Teams	Events	Outcomes	Reasons
1	Mandeville	Goal Inbou	Goal	P.D.
2	Mandeville	Goal Inbou	Goal	P.D.
3	Mandeville	Goal Inbou	Goal	P.D.
4	Mandeville	Goal Inbou	Goal	P.D.
5	Mandeville	Goal Inbou	Goal	P.D.
6	Mandeville	Goal Inbou	Goal	P.D.
7	Mandeville	Goal Inbou	Goal	P.D.
8	Mandeville	Goal Inbou	Goal	G.P.
9	Mandeville	Goal Inbou	Goal	P.D.
10	Mandeville	Goal Inbou	Goal	G.P.

No.	Teams	Events	Outcomes	Reasons
1	Mandeville	Goal Inbou	Negative	10&15sec
2	Mandeville	Goal Inbou	Negative	G.D.
3	Mandeville	Goal Inbou	Negative	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Mandeville	Side Inbou	Negative	P.P.
2	Mandeville	Side Inbou	Negative	P.P.
3	Mandeville	Side Inbou	Negative	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Mandeville	Side Inbou	Goal	G.W.
2	Mandeville	Side Inbou	Goal	G.W.
3	Mandeville	Side Inbou	Goal	P.D.
4	Mandeville	Side Inbou	Goal	G.W.

No.	Teams	Events	Outcomes	Reasons
1	Mandeville	Turnover	Positive	P.P.
2	Mandeville	Turnover	Positive	P.P.
3	Mandeville	Turnover	Goal	P.P.
4	Mandeville	Turnover	Goal	P.P.
5	Mandeville	Turnover	Goal	P.P.
6	Mandeville	Turnover	Goal	G.D.
7	Mandeville	Turnover	Positive	C.V.
8	Mandeville	Turnover	Positive	P.P.
9	Mandeville	Turnover	Positive	P.P.
10	Mandeville	Turnover	Positive	P.P.
11	Mandeville	Turnover	Goal	P.P.

HURRICANES STATISTICS

No.	Teams	Events	Outcomes	Reasons
1	Hurricanes	Goal Inbou	Goal	P.D.
2	Hurricanes	Goal Inbou	Goal	G.W.
3	Hurricanes	Goal Inbou	Goal	P.D.
4	Hurricanes	Goal Inbou	Goal	other
5	Hurricanes	Goal Inbou	Goal	G.P.
6	Hurricanes	Goal Inbou	Goal	P.D.
7	Hurricanes	Goal Inbou	Goal	P.D.

No.	Teams	Events	Outcomes	Reasons
1	Hurricanes	Side Inbou	Goal	P.D.
2	Hurricanes	Side Inbou	Goal	G.W.
3	Hurricanes	Side Inbou	Goal	P.D.
4	Hurricanes	Side Inbou	Goal	G.W.
5	Hurricanes	Side Inbou	Goal	G.P.
6	Hurricanes	Side Inbou	Goal	G.P.

No.	Teams	Events	Outcomes	Reasons
1	Hurricanes	Turnover	Positive	P.P.
2	Hurricanes	Turnover	Positive	10&15sec
3	Hurricanes	Turnover	Positive	P.P.
4	Hurricanes	Turnover	Positive	P.P.
5	Hurricanes	Turnover	Positive	P.P.
6	Hurricanes	Turnover	Positive	P.P.

No.	Teams	Events	Outcomes	Reasons
1	Hurricanes	Goal Inbou	Negative	P.P.
2	Hurricanes	Goal Inbou	Negative	P.P.
3	Hurricanes	Goal Inbou	Negative	P.P.
4	Hurricanes	Goal Inbou	Negative	P.P.
5	Hurricanes	Goal Inbou	Negative	P.P.
6	Hurricanes	Goal Inbou	Negative	P.P.
7	Hurricanes	Goal Inbou	Negative	C.V.
8	Hurricanes	Goal Inbou	Negative	P.W.
9	Hurricanes	Goal Inbou	Negative	P.P.
10	Hurricanes	Goal Inbou	Negative	other

No.	Teams	Events	Outcomes	Reasons
1	Hurricanes	Side Inbou	Negative	P.P.
2	Hurricanes	Side Inbou	Negative	P.P.
3	Hurricanes	Side Inbou	Negative	P.P.
4	Hurricanes	Side Inbou	Negative	P.P.
5	Hurricanes	Side Inbou	Negative	P.P.

INTERNATIONAL LEVEL STATISTICS									
GAME 1: AUSTRALIA VS NEW ZEALAND					GAME 4: AUSTRALIA VS JAPAN				
SUCCESSFUL					SUCCESSFUL				
Events	AUS.	N.Z.	Grand Total	%	Events	AUS.	JAP.	Grand Total	%
Goal Inbounds	29	27	56	45.16	Goal Inbounds	21	22	43	30.94
Side Inbounds	11	14	25	20.16	Side Inbounds	20	9	29	20.86
Turnovers	3	6	9	7.26	Turnovers	14	7	21	15.11
UNSUCCESSFULL					UNSUCCESSFULL				
Goal Inbounds	16	15	31	25	Goal Inbounds	13	23	36	25.90
Side Inbounds	3	0	3	2.42	Side Inbounds	4	6	10	7.19
Game Total Events				124	Game Total Events				139

GAME 2: JAPAN VS SOUTH AFRICA									
SUCCESSFUL					SUCCESSFUL				
Events	JAP.	S.A.	Grand Total	%	Events	S.A.	JAP.	Grand Total	%
Goal Inbounds	19	19	38	27.74	Goal Inbounds	21	27	48	30.97
Side Inbounds	22	7	29	21.17	Side Inbounds	8	20	28	18.06
Turnovers	22	4	26	18.98	Turnovers	7	26	33	21.29
UNSUCCESSFULL					UNSUCCESSFULL				
Goal Inbounds	7	27	34	24.82	Goal Inbounds	31	5	36	23.23
Side Inbounds	4	6	10	7.30	Side Inbounds	5	5	10	6.45
Game Total Events				137	Game Total Events				155

GAME 3: NEW ZEALAND VS SOUTH AFRICA									
SUCCESSFUL					SUCCESSFUL				
Events	N.Z.	S.A.	Grand Total	%	Events	AUS.	N.Z.	Grand Total	%
Goal Inbounds	15	8	23	19.49	Goal Inbounds	14	16	30	51.72
Side Inbounds	15	10	25	21.19	Side Inbounds	7	2	9	15.52
Turnovers	21	4	25	21.19	Turnovers	4	1	5	8.62
UNSUCCESSFULL					UNSUCCESSFULL				
Goal Inbounds	3	31	34	28.81	Goal Inbounds	4	6	10	17.24
Side Inbounds	3	8	11	9.32	Side Inbounds	2	2	4	6.90
Game Total Events				118	Game Total Events				58

TOTAL OVERALL STATISTICS			
EVENTS	SUCCESSFUL	UNSUCCESSFUL	
GI	238	181	
SI	145	48	
TURNOVERS	119		
GRAND TOTAL EVENTS	731		

REGIONAL LEVEL STATISTICS

GAME 1: WP A VS N. GAUT. A

SUCCESSFUL				
Events	W.P. A	N. Gaut. A	Grand Total	%
Goal Inbounds	11	11	22	15,38
Side Inbounds	10	14	24	16,78
Turnovers	18	24	42	29,37
UNSUCCESSFULL				
Goal Inbounds	22	14	36	25,17
Side Inbounds	9	10	19	13,29
Game Total Events			143	

GAME 4: WP A VS WP B

SUCCESSFUL				
Events	W.P. A	W. P. B	Grand Total	%
Goal Inbounds		5	5	5,95
Side Inbounds		24	6	17,86
Turnovers		37	17	32,14
UNSUCCESSFULL				
Goal Inbounds		9	27	21,43
Side Inbounds		20	18	22,62
Game Total Events			168	

GAME 2: WP B VS CENTRAL GAUT.

SUCCESSFUL				
Events	W.P. B	CENTRAL GAU.	Grand Total	%
Goal Inbounds	1	2	3	1,45
Side Inbounds	11	19	30	14,49
Turnovers	30	47	77	37,20
UNSUCCESSFULL				
Goal Inbounds	37	15	52	25,12
Side Inbounds	29	16	45	21,74
Game Total Events			207	

GAME 5: CENTRAL GAUT VS N. GAUT. A

SUCCESSFUL				
Events	Central Gaut.	N. Gaut. A	Grand Total	%
Goal Inbounds	18	22	40	21,86
Side Inbounds	11	15	26	14,21
Turnovers	19	32	51	27,87
UNSUCCESSFULL				
Goal Inbounds	30	12	42	22,95
Side Inbounds	12	12	24	13,11
Game Total Events			183	

GAME 3: WP A VS N. GAUT. B

SUCCESSFUL				
Events	W.P. A	N. GAUT.B	Grand Total	%
Goal Inbounds	1	2	3	2,29
Side Inbounds	17	2	19	14,50
Turnovers	36	9	45	34,35
UNSUCCESSFULL				
Goal Inbounds	3	29	32	24,43
Side Inbounds	14	18	32	24,43
Game Total Events			131	

GAME 6: WP A VS N. GAUT. A

SUCCESSFUL				
Events	W.P. A	N. Gaut. A	Grand Total	%
Goal Inbounds		11	22	11,96
Side Inbounds		13	28	15,22
Turnovers		31	25	30,43
UNSUCCESSFULL				
Goal Inbounds		20	24	23,91
Side Inbounds		17	34	18,48
Game Total Events			184	

CLUB LEVEL STATISTICS

GAME 1: HAWKS VS MANDEVILLE

SUCCESSFUL				
Events	Hawks	Mandeville	Grand Total	%
Goal Inbounds	14	9	23	13,9
Side Inbounds	17	14	31	18,78
Turnovers	31	19	50	30,30
UNSUCCESSFULL				
Goal Inbounds	11	29	40	24,24
Side Inbounds	8	13	21	12,72
Game Total Events			165	

GAME 4: HURRICANES VS TUKKIES

SUCCESSFUL				
Events	Hurricanes	Tukkies	Grand Total	%
Goal Inbounds	9	13	22	18,64
Side Inbounds	4	14	18	15,25
Turnovers	7	28	35	29,66
UNSUCCESSFULL				
Goal Inbounds	31	4	35	29,66
Side Inbounds	5	3	8	6,78
Game Total Events			118	

GAME 2: MANDEVILLE VS TUKKIES

SUCCESSFUL				
Events	Mandeville	Tukkies	Grand Total	%
Goal Inbounds	5	4	9	28,13
Side Inbounds		4	4	12,5
Turnovers	1	7	8	25
UNSUCCESSFULL				
Goal Inbounds	8	1	9	28,13
Side Inbounds	1	1	2	6,25
Game Total Events			32	

GAME 5: HAWKS VS HURRICANES

SUCCESSFUL				
Events	Hawks	Hurricanes	Grand Total	%
Goal Inbounds	4	4	4	2,80
Side Inbounds	13	3	16	11,18
Turnovers	42	12	54	37,76
UNSUCCESSFULL				
Goal Inbounds	2	37	39	27,27
Side Inbounds	14	16	30	20,98
Game Total Events			143	

GAME 3: HAWKS VS PHILIDELPHIA

SUCCESSFUL				
Events	Hawks	Philidelphia	Grand Total	%
Goal Inbounds	2	2	4	2,3
Side Inbounds	20	4	24	13,79
Turnovers	50	9	59	33,91
UNSUCCESSFULL				
Goal Inbounds	4	48	52	29,89
Side Inbounds	7	28	35	20,11
Game Total Events			174	

GAME 6: HURRICANES VS MANDEVILLE

SUCCESSFUL				
Events	Hurricanes	Mandeville	Grand Total	%
Goal Inbounds	7	10	17	26,15
Side Inbounds	6	4	10	15,38
Turnovers	6	11	17	26,15
UNSUCCESSFULL				
Goal Inbounds	10	3	13	20
Side Inbounds	5	3	8	12,31
Game Total Events			65	

GAME 1:AUSTRALIA VS NEW ZEALAND				
SUCCESSFUL				
Events	AUS	N.Z.	Grand Total	%
Goal Inbounds	29	27	56	45.16
GP	10	17	27	
PD	3	2	5	
CV				
GW	15	8	23	
OTHER	1		1	
Side Inbounds	11	14	25	20.16
GP	7	6	13	
PD	3	4	7	
GW	1	4	5	
PP				
CV				
Turnovers	3	6	9	7.26
PP	1	2	3	
GD	2	4	6	
PW				
10&15SEC				
OTHER				
GP				
PD				
GW				
CV				
UNSUCCESSFULL				
Goal Inbounds	16	15	31	25
PP	5	5	10	
CV				
PW	1		1	
10&15SEC				
10SEC IN KEY				
OTHER	9	7	16	
GD	1	3	4	
Side Inbounds	3	0	3	2.42
PP				
PW				
10&15SEC				
OTHER	1		1	
CV				
GD	2		2	
			Game Total Events	124

GAME 2: JAPAN VS SOUTH AFRICA				
SUCCESSFUL				
Events	JAP.	S.A.	Grand Total	%
Goal Inbounds	19	19	38	27.74
GP	9	14	23	
PD	2		2	
CV				
GW	7	5	12	
OTHER	1		1	
Side Inbounds	22	7	29	21.17
GP	5	2	7	
PD	4	3	7	
GW	13	2	15	
PP				
CV				
Turnovers	22	4	26	18.98
PP	11	4	15	
GD	4		4	
PW	1		1	
10&15SEC	2		2	
OTHER	2		2	
GP				
PD				
GW				
CV	2		2	
UNSUCCESSFULL				
Goal Inbounds	7	27	34	24.82
PP	5	11	16	
CV		1	1	
PW	1	1	2	
10&15SEC		2	2	
10SEC IN KEY				
OTHER	1	6	7	
GD		6	6	
Side Inbounds	4	6	10	7.30
PP		1	1	
PW		1	1	
10&15SEC				
OTHER	3	2	5	
CV		2	2	
GD	1		1	
			Game Total Events	137

GAME 3:NEW ZEALAND VS SOUTH AFRICA				
SUCCESSFUL				
Events	N.Z.	S.A.	Grand Total	%
Goal Inbounds	15	8	23	19.49
GP	6	2	8	
PD	4		4	
CV				
GW	5	6	11	
OTHER				
Side Inbounds	15	10	25	21.19
GP	6	1	7	
PD	6	4	10	
GW	3	5	8	
PP				
CV				
Turnovers	21	4	25	21.19
PP	14	1	15	
GD	1		1	
PW	1	1	2	
10&15SEC	2		2	
OTHER	3	2	5	
GP				
PD				
GW				
CV				
UNSUCCESSFULL				
Goal Inbounds	3	31	34	28.81
PP		15	15	
CV				
PW				
10&15SEC		1	1	
10SEC IN KEY				
OTHER	3	15	18	
GD				
Side Inbounds	3	8	11	9.32
PP		1	1	
PW	1	1	2	
10&15SEC		1	1	
OTHER	2	4	6	
CV				
GD		1	1	
			Game Total Events	118

GAME 4: AUSTRALIA VS JAPAN				
SUCCESSFUL				
Events	AUS	JAP	Grand Total	%
Goal Inbounds	21	22	43	30.94
GP	14	13	27	
PD	2		2	
CV				
GW	5	8	13	
OTHER		1	1	
Side Inbounds	20	9	29	20.86
GP	10	4	14	
PD	3		3	
GW	7	5	12	
PP				
CV				
Turnovers	14	7	21	15.11
PP	9	4	13	
GD	2		2	
PW	1		1	
10&15SEC	1		1	
OTHER	1	3	4	
GP				
PD				
GW				
CV				
UNSUCCESSFULL				
Goal Inbounds	13	23	36	25.90
PP	5	11	16	
CV				
PW		1	1	
10&15SEC				
10SEC IN KEY				
OTHER	8	10	18	
GD		1	1	
Side Inbounds	4	6	10	7.19
PP				
PW				
10&15SEC		1	1	
OTHER	4	4	8	
CV				
GD		1	1	
			Game Total Events	139

GAME 5:SOUTH AFRICA VS JAPAN				
SUCCESSFUL				
Events	S.A.	JAP	Grand Total	%
Goal Inbounds	21	27	48	30.97
GP	12	10	22	
PD		2	2	
CV				
GW	9	15	24	
OTHER				
Side Inbounds	8	20	28	18.06
GP	6	7	13	
PD	2	5	7	
GW		8	8	
PP				
CV				
Turnovers	7	26	33	21.29
PP	4	12	16	
GD	2	3	5	
PW		4	4	
10&15SEC		3	3	
OTHER		3	3	
GP				
PD	1		1	
GW				
CV		1	1	
UNSUCCESSFULL				
Goal Inbounds	31	5	36	23.23
PP	12	4	16	
CV	1		1	
PW	4		4	
10&15SEC	3		3	
10SEC IN KEY				
OTHER	9		9	
GD	2	1	3	
Side Inbounds	5	5	10	6.45
PP	2	2	4	
PW				
10&15SEC				
OTHER	2	1	3	
CV				
GD	1	2	3	
			Game Total Events	155

GAME 6:AUSTRALIA VS NEW ZEALAND				
SUCCESSFUL				
Events	AUS	N.Z.	Grand Total	%
Goal Inbounds	14	16	30	51.72
GP	8	8	16	
PD				
CV				
GW	6	7	13	
OTHER		1	1	
Side Inbounds	7	2	9	15.52
GP	5	2	7	
PD				
GW	2		2	
PP				
CV				
Turnovers	4	1	5	8.62
PP	1		1	
GD	3	1	4	
PW				
10&15SEC				
OTHER				
GP				
PD				
GW				
CV				
UNSUCCESSFULL				
Goal Inbounds	4	6	10	17.24
PP				
CV				
PW				
10&15SEC				
10SEC IN KEY				
OTHER	4	1	5	
GD		5	5	
Side Inbounds	2	2	4	6.90
PP		1	1	
PW				
10&15SEC				
OTHER	1		1	
CV				
GD	1	1	2	
			Game Total Events	58

GAME 1: WP A VS N. GAUT. A				
SUCCESSFUL				
Events	WP A	N. Gaut. A	Grand Total	%
Goal Inbounds	11	11	22	15,38
GP	2	9	11	
PD	3	1	4	
CV	1		1	
GW	5	1	6	
OTHER				
Side Inbounds	10	14	24	16,78
GP	3	3	6	
PD	6	9	15	
GW	1	2	3	
PP				
Turnovers	18	24	42	29,37
PP	9	15	24	
GD	2	4	6	
PW				
10&15SEC		3	3	
OTHER	5		5	
GP	1		1	
PD				
CV	1	2	3	
UNSUCCESSFULL				
Goal Inbounds	22	14	36	25,17
PP	14	11	25	
CV	2	1	3	
PW	1	1	2	
10&15SEC	1		1	
10SEC IN KEY				
OTHER	4	1	5	
GD				
Side Inbounds	9	10	19	13,29
PP	6	3	9	
PW				
10&15SEC				
OTHER	2	5	7	
CV		1	1	
GD	1	1	2	
			Game Total Events	143

GAME 2: WP B VS CENTRAL GAUTENG				
SUCCESSFUL				
Events	WP B	Central Gauteng	Grand Total	%
Goal Inbounds	1	2	3	1,45
GP				
PD		2	2	
CV				
GW	1		1	
OTHER				
Side Inbounds	11	19	30	14,49
GP	2		2	
PD	7	15	22	
GW	1	4	5	
PP				
CV	1		1	
Turnovers	30	47	77	37,19
PP	14	35	49	
GD	2	3	5	
PW	5	3	8	
10&15SEC		1	1	
OTHER	4	4	8	
GP				
PD				
GW		1	1	
CV	5		5	
UNSUCCESSFULL				
Goal Inbounds	37	15	52	25,12
PP	28	10	38	
CV		1	1	
PW	3	2	5	
10&15SEC				
10SEC IN KEY				
OTHER	2	1	3	
GD	4	1	5	
Side Inbounds	29	16	45	21,73
PP	17	8	25	
PW	3	2	5	
10&15SEC	1		1	
OTHER	3	2	5	
CV		2	2	
GD	5	2	7	
			Game Total Events	207

GAME 3: WP A VS N. GAUT. B				
SUCCESSFUL				
Events	WP A	N. Gaut. B	Grand Total	%
Goal Inbounds	1	2	3	2,29
GP		2	2	
PD	1		1	
CV				
GW				
OTHER				
Side Inbounds	17	2	19	14,50
GP	5	2	7	
PD	11		11	
GW	1		1	
PP				
CV				
Turnovers	36	9	45	34,35
PP	27	3	30	
GD	1		1	
PW	5	5	10	
10&15SEC	1	1	2	
OTHER	1		1	
GP				
PD	1		1	
GW				
CV				
UNSUCCESSFULL				
Goal Inbounds	3	29	32	24,43
PP	2	21	23	
CV		1	1	
PW	1	5	6	
10&15SEC				
10SEC IN KEY				
OTHER		1	1	
GD		1	1	
Side Inbounds	14	18	32	24,43
PP	7	15	22	
PW	5	2	7	
10&15SEC	1		1	
OTHER				
CV				
GD	1	1	2	
			Game Total Events	131

GAME 4: WP A VS WP B				
SUCCESSFUL				
Events	WP A	WP B	Grand Total	%
Goal Inbounds	5	5	10	5.952381
GP		1	1	
PD	1	2	3	
CV				
GW	4	2	6	
OTHER				
Side Inbounds	24	6	30	17,86
GP	8	2	10	
PD	7	4	11	
GW	9		9	
PP				
CV				
Turnovers	37	17	54	32,14
PP	27	12	39	
GD	6	1	7	
PW	3	2	5	
10&15SEC				
OTHER	1	2	3	
GP				
PD				
GW				
CV				
UNSUCCESSFULL				
Goal Inbounds	9	27	36	21,43
PP	6	21	27	
CV				
PW		3	3	
10&15SEC				
10SEC IN KEY				
OTHER	2		2	
GD	1	3	4	
Side Inbounds	20	18	38	22,62
PP	7	11	18	
PW	2	1	3	
10&15SEC				
OTHER	6	2	8	
CV	3	1	4	
GD	2	3	5	
			Game Total Events	168

GAME 5:CENTRAL GAUTENG VS N. GAUT. A				
SUCCESSFUL				
Events	Central Gaut.	N. Gaut. A	Grand Total	%
Goal Inbounds	18	22	40	21.857923
GP	7	10	17	
PD	4	5	9	
CV				
GW	7	7	14	
OTHER				
Side Inbounds	11	15	26	14,21
GP	4	7	11	
PD	4	4	8	
GW	3	4	7	
PP				
CV				
Turnovers	19	32	51	27,87
PP	13	17	30	
GD	1	6	7	
PW	3	3	6	
10&15SEC		3	3	
OTHER		3	3	
GP				
PD				
GW				
CV	2		2	
UNSUCCESSFULL				
Goal Inbounds	30	12	42	22,95
PP	14	9	23	
CV		1	1	
PW	4	1	5	
10&15SEC	3		3	
10SEC IN KEY				
OTHER	2		2	
GD	7	1	8	
Side Inbounds	12	12	24	13,11
PP	5	7	12	
PW		1	1	
10&15SEC				
OTHER	3	1	4	
CV		1	1	
GD	4	2		
			Game Total Events	183

GAME 6:WP A VS N. GAUT. A				
SUCCESSFUL				
Events	WP A	N. Gaut. A	Grand Total	%
Goal Inbounds	11	11	22	11,96
GP	7	4	11	
PD	3		3	
CV				
GW	1	7	8	
OTHER				
Side Inbounds	13	15	28	15,22
GP	3	8	11	
PD	8	5	13	
GW	2	2	4	
PP				
CV				
Turnovers	31	25	56	30,43
PP	23	20	43	
GD	3	2	5	
PW	2	2	4	
10&15SEC	2		2	
OTHER	1		1	
GP				
PD				
GW				
CV		1	1	
UNSUCCESSFULL				
Goal Inbounds	20	24	44	23,91
PP	13	12	25	
CV				
PW	3	1	4	
10&15SEC				
10SEC IN KEY				
OTHER	4	8	12	
GD		3	3	
Side Inbounds	17	17	34	18,48
PP	11	11	22	
PW		1	1	
10&15SEC		2	2	
OTHER	2	2	4	
CV	2		2	
GD	2	1	3	
			Game Total Events	184

GAME 1: HAWKS VS MANDEVILLE				
SUCCESSFUL				
Events	Hawks	Mandeville	Grand Total	%
Goal Inbounds	14	9	23	13,9
GP	11	2	13	
PD	2	4	6	
GW	1	3	4	
Side Inbounds	17	14	31	18,78
GP	6	2	8	
PD	9	10	19	
GW	2	2	4	
Turnovers	31	19	50	30,30
PP	24	9	33	
GD	3	2	5	
PW	1	2	3	
OTHER	3	4	7	
CV		2	2	
UNSUCCESSFULL				
Goal Inbounds	11	29	40	24,24
PP	5	18	23	
PW	1	5	6	
10&15SEC				
OTHER	3	5	8	
GD	2	1	3	
Side Inbounds	8	13	21	12,72
PP	3	8	11	
PW	1	2	3	
10&15SEC	1		1	
OTHER	3	2	5	
GD		1	1	
			Game Total Events	165

GAME 2: MANDEVILLE VS TUKKIES				
SUCCESSFUL				
Events	Mandeville	Tukkies	Grand Total	%
Goal Inbounds	5	4	9	28,13
GP	4		4	
PD		2	2	
GW	1	2	3	
Side Inbounds		4	4	12,5
GP				
PD		4	4	
GW				
Turnovers	1	7	8	25
PP		5	5	
GD	1		1	
PW				
OTHER		1	1	
CV		1	1	
UNSUCCESSFULL				
Goal Inbounds	8	1	9	28,13
PP	5		5	
CV	1		1	
PW				
10&15SEC				
OTHER	2	1	3	
GD				
Side Inbounds	1	1	2	6,25
PP	1		1	
PW		1	1	
10&15SEC				
OTHER				
GD				
			Game Total Events	32

GAME 3: HAWKS VS PHILIDELPHIA				
SUCCESSFUL				
Events	Hawks	Philidelphia	Grand Total	%
Goal Inbounds	2	2	4	2,3
GP				
PD	2		2	
GW		2	2	
Side Inbounds	20	4	24	13,79
GP	6	1	7	
PD	13	1	14	
GW	1	2	3	
Turnovers	50	9	59	33,91
PP	27	4	31	
GD	7		7	
PW	4	1	5	
10&15SEC	4	2	6	
OTHER	5	1	6	
CV	3	1	4	
UNSUCCESSFULL				
Goal Inbounds	4	48	52	29,89
PP	1	21	22	
CV		2	2	
PW		10	10	
10&15SEC	2	2	4	
OTHER	1	4	5	
GD		9	9	
Side Inbounds	7	28	35	20,11
PP	4	12	16	
PW	2	2	4	
10&15SEC		3	3	
OTHER	1	9	10	
GD		2	2	
			Game Total Events	174

GAME 4: HURRICANES VS TUKKIES				
SUCCESSFUL				
Events	Hurricanes	Tukkies	Grand Total	%
Goal Inbounds	9	13	22	18,64
GP		1	1	
PD	4	10	14	
CV	2		2	
GW	3	2	5	
Side Inbounds	4	14	18	15,25
GP	1	3	4	
PD		9	9	
GW	3	2	5	
Turnovers	7	28	35	29,66
PP	4	19	23	
GD		4	4	
PW	2		2	
10&15SEC		2	2	
OTHER		1	1	
GP		1	1	
CV	1	1	2	
UNSUCCESSFULL				
Goal Inbounds	31	4	35	29,66
PP	18	3	21	
CV				
PW	1	1	2	
10&15SEC	1		1	
10SEC IN KEY	1		1	
OTHER	5		5	
GD	5		5	
Side Inbounds	5	3	8	6,78
PP	3	2	5	
PW	1		1	
10&15SEC				
OTHER		1	1	
CV	1		1	
GD				
			Game Total Events	118

GAME 6: HURRICANES VS MANDEVILLE				
SUCCESSFUL				
Events	Hurricanes	Mandeville	Grand Total	%
Goal Inbounds	7	10	17	26,15
GP	1	2	3	
PD	4	8	12	
CV				
GW	1		1	
OTHER	1		1	
Side Inbounds	6	4	10	15,38
GP	2		2	
PD	2	1	3	
GW	2	3	5	
PP				
Turnovers	6	11	17	26,15
PP	5	9	14	
GD		1	1	
PW				
10&15SEC	1		1	
OTHER				
GP				
PD				
CV		1	1	
UNSUCCESSFULL				
Goal Inbounds	10	3	13	20
PP	7		7	
CV	1	1	2	
PW	1		1	
10&15SEC		1	1	
10SEC IN KEY				
OTHER	1		1	
GD		1	1	
Side Inbounds	5	3	8	12,31
PP	5	3	8	
PW				
10&15SEC				
OTHER				
CV				
GD				
			Game Total Events	65

Appendix D

Comparison of international teams

International Teams Comparison

	South Africa	Australia	New Zealand	Japan	Totals
Successful					
Goal Inbounds	48	64	58	68	238
Good Passing	28	32	31	32	123
Good wheeling	20	26	20	30	96
Poor Defence		6	7	6	19
Side Inbounds	25	38	31	51	145
Good Passing	9	22	14	16	61
Good wheeling	7	10	7	26	50
Poor Defence	9	6	10	9	34
Turnovers	15	21	28	55	119
Good Defence	3	7	6	7	23
Poor Passing	9	11	16	27	63
Poor Wheeling	1	1	1	5	8
Court Violation		1	2	8	11
Other	2	1	3	8	14
Unsuccessful					
Goal Inbounds	89	33	24	35	181
Poor Passing	38	10	5	20	73
Poor Wheeling	5	1		2	8
Court Violation	8				8
Good Defence	8	1	8	2	19
Other	30	21	11	11	73
Side Inbounds	19	9	5	15	48
Poor Passing	4		1	2	7
Poor Wheeling	2		1		3
Court Violation	3			1	4
Good Defence	2	3	1	4	10
Other	8	6	2	8	24